



PLANNING DEPARTMENT

City and County of San Francisco • 1660 Mission Street, Suite 500 • San Francisco, California 94103-2414

STATE WATER RESOURCES
CONTROL BOARD

2005 OCT 26 PM 2:26

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October 24, 2005

To Responsible Agencies, Trustee Agencies, and Interested Parties:

**RE: CASE NO. 2005.0161E – SFPUC CALAVERAS DAM REPLACEMENT PROJECT
NOTICE OF PREPARATION OF AN ENVIRONMENTAL IMPACT REPORT AND
NOTICE OF PUBLIC SCOPING MEETINGS**

A Notice of Preparation (NOP) of an environmental impact report (EIR) pursuant to the California Environmental Quality Act (CEQA) and a Notice of Public Scoping Meetings for the above-referenced project, described below, has been issued by the San Francisco Planning Department. The NOP and Notice of Public Scoping Meetings is either attached or is available upon request from Diana Sokolove, whom you may reach at (415) 558-5971; diana.sokolove@sfgov.org; or at 30 Van Ness Avenue, Suite 4150, San Francisco, CA 94103. The combined NOP/Notice of Public Scoping Meetings will also be available online by October 24, 2005 at http://www.sfgov.org/site/planning_index.asp and www.sfwater.org (click on Projects and Plans, then Calaveras Dam Replacement).

Project Description: Calaveras Reservoir, located on the boundary of Alameda and Santa Clara Counties, approximately 10 miles southeast of Fremont, California, is the largest Bay Area reservoir in the San Francisco Public Utility Commission's regional water system. Calaveras Dam is located at the northern end of the reservoir, approximately one mile upstream from the confluence of Calaveras and Alameda Creeks. Because the dam is located near a seismically active fault zone and was determined to be seismically vulnerable, the California Department of Water Resources, Division of Safety of Dams (DSOD) has limited since 2001 the amount of water that can be stored in the reservoir to approximately 40 percent of its former full storage capacity (full storage capacity is 96,850 acre-feet of water) until the safety deficiencies are corrected. The Calaveras Dam Replacement Project, as proposed by the SFPUC, includes replacement of the existing dam with one of equivalent height, restored reservoir storage to its full design level, improved seismic design, and operation of Calaveras Reservoir to release up to 6,300 acre-feet per year of water for the enhancement of fisheries and the other natural resources of Calaveras and Alameda Creeks.

The new dam would be constructed at the downstream edge of the existing dam, and the existing dam would be used as a cofferdam (a structure to keep water away from a construction site) during construction of the replacement dam. The cofferdam would allow the reservoir to remain in operation up to the DSOD-restricted level during construction. For seismic safety purposes and improved operations and maintenance, the replacement dam would include a new intake tower, as well as a new outlet valve for water releases necessary for environmental purposes.

The San Francisco Planning Department, Major Environmental Analysis (MEA) Division, is preparing an EIR for consideration by decision-makers prior to a final decision by the SFPUC regarding whether to approve and implement the project. The purpose of the EIR is to provide information about potentially significant environmental effects of the proposed project, to identify possible ways to minimize those potentially significant effects, and to describe and evaluate feasible alternatives to the proposed project. Preparation of an NOP or EIR does not indicate a decision by the City to approve or to disapprove the

proposed project. However, prior to making any such decision, the decision makers must review and consider the information contained in the EIR.

The San Francisco Planning Department will hold two **PUBLIC SCOPING MEETINGS** at the places, dates, and times listed below. The purpose of these meetings is to receive oral comments to assist the San Francisco Planning Department in reviewing the scope and content of the project's environmental impact analysis and information to be contained in the EIR. Written comments will also be accepted at these meetings and until the close of business on November 30, 2005. Written comments should be sent to the San Francisco Planning Department, Attn: Paul Maltzer, Environmental Review Officer, Calaveras EIR, 30 Van Ness Avenue, Suite 4150, San Francisco, CA 94103, or provided via email to diana.sokolove@sfgov.org. MEA staff will transmit copies of all documents received during the public comment period to the U.S. Army Corps of Engineers (Corps) as the Corps may evaluate the effects of the proposed project under the National Environmental Policy Act (NEPA).

Scoping Meetings

Fremont

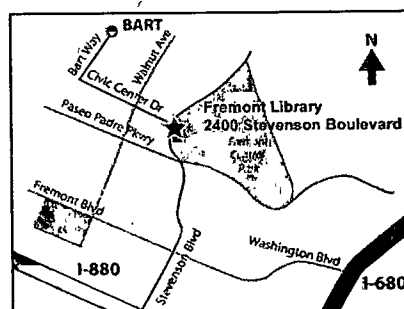
Monday, November 14, 2005, 6:30 p.m. - 8:30 p.m.

Fremont Main Library

2400 Stevenson Boulevard

Fremont, CA

(near Fremont BART station)



San Francisco

Tuesday, November 15, 2005, 6:30 p.m. - 8:30 p.m.

San Francisco State University

425 Market Street, Room 301

San Francisco, CA

(near Embarcadero BART station)



If you work for an agency that is a Responsible or Trustee Agency, we need to know the views of your agency as to the scope and content of the environmental information that is relevant to your agency's statutory responsibilities in connection with the proposed project. Your agency may need to use the EIR when considering a permit or other approval for this project. We will also need the name of the contact person for your agency. If you have questions concerning environmental review of the proposed project under CEQA, please contact Diana Sokolove at (415) 558-5971; if you have questions about NEPA review, please contact Robert Smith at (415) 977-8450.

**NOTICE OF PREPARATION OF AN ENVIRONMENTAL IMPACT REPORT AND
NOTICE OF PUBLIC SCOPING MEETINGS**

Date of this Notice:	October 24, 2005	
Lead Agency:	San Francisco Planning Department 30 Van Ness Avenue, Suite 4150 San Francisco, CA 94103	
Agency Contact Person:	Diana Sokolove	Email: diana.sokolove@sfgov.org Telephone: (415) 558-5971
Project Title:	Calaveras Dam Replacement Project	
Project Sponsor:	San Francisco Public Utilities Commission	
Project Contact Person:	Betsy Lauppe Rhodes	Email: BLauppe@sfwater.org Telephone: (415) 554-3240
Project Address:	Calaveras Dam and Reservoir	
Assessor's Block and Lot:	Various	
County:	Alameda and Santa Clara Counties	

Project Description: Calaveras Reservoir, located on the boundary of Alameda and Santa Clara Counties, approximately 10 miles southeast of Fremont, California, is the largest Bay Area reservoir in the San Francisco Public Utility Commission's regional water system. Calaveras Dam is located at the northern end of the reservoir, approximately one mile upstream from the confluence of Calaveras and Alameda Creeks. Because the dam is located near a seismically active fault zone and was determined to be seismically vulnerable, the California Department of Water Resources, Division of Safety of Dams (DSOD) has limited since 2001 the amount of water that can be stored in the reservoir to approximately 40 percent of its former full storage capacity (full storage capacity is 96,850 acre-feet of water) until the safety deficiencies are corrected. The Calaveras Dam Replacement Project, as proposed by the SFPUC, includes replacement of the existing dam with one of equivalent height, restored reservoir storage to its full design level, improved seismic design, and operation of Calaveras Reservoir to release up to 6,300 acre-feet per year of water for the enhancement of the fisheries and other natural resources of the Calaveras and Alameda Creeks.

The new dam would be constructed at the downstream edge of the existing dam, and the existing dam would be used as a cofferdam (a structure to keep water away from a construction site) during construction of the replacement dam. The cofferdam would allow the reservoir to remain in operation up to the DSOD-restricted level during construction. For seismic safety purposes and improved operations and maintenance, the replacement dam would include a new intake tower, as well as a new outlet valve for water releases necessary for environmental purposes.

Please see the attached for more information about the proposed project, the scope of the EIR, and the anticipated environmental issues.

THIS PROJECT MAY HAVE A SIGNIFICANT EFFECT ON THE ENVIRONMENT; AN ENVIRONMENTAL IMPACT REPORT IS REQUIRED. This determination is based on the criteria of the Guidelines of the State Secretary for Resources, Section 15064 (Determining Significant Effect), and 15065 (Mandatory Findings of significance).

PUBLIC SCOPING MEETINGS will be held pursuant to the State of California Public Resources Code Section 21083.9 and California Environmental Quality Act Guidelines Section 15206 to receive oral comments concerning the scope of the EIR. Two meetings will be held at different locations: November 14, 2005 in Fremont and November 15, 2005 in San Francisco. Please see the attached for more information.

Written comments on the scope of the EIR will be accepted until the close of business on November 30, 2005. Written comments should be sent to the San Francisco Planning Department, Attn: Paul Maltzer, 30 Van Ness Avenue, Suite 4150, San Francisco, CA 94103 or sent by email to diana.sokolove@sfgov.org.

Documents relating to the proposed project are available for review, by appointment, at the San Francisco Planning Department's Major Environmental Analysis office, 30 Van Ness Avenue, Suite 4150. Please call Diana Sokolove at 415-558-5971 to schedule an appointment.

October 24, 2005
Date

D. Sokolove for Paul Maltzer
Paul E. Maltzer, Environmental Review Officer

中文資料請電: (415) 558-6282

Para sa impormasyon sa Tagalog turnawag sa: (415) 558-6251

Para informacion en Espanol llamar al: (415) 558-6307

SFPUC CALAVERAS DAM REPLACEMENT PROJECT

CASE NO. 2005.0161E

1.0 OVERVIEW

1.1 San Francisco Water System and Calaveras Dam

The City and County of San Francisco, through the San Francisco Public Utilities Commission (SFPUC), owns and operates a regional water system that extends from the Sierra Nevada Mountains to the San Francisco Bay Area, as shown in Figure 1. The regional water system serves 2.4 million people in San Francisco, San Mateo, Santa Clara, Alameda and Tuolumne Counties. The basic network of major facilities in the regional system was built from the late 1880s through the 1930s. Expansion and improvements of the major facilities continued through the 1970s. The Calaveras Dam and Reservoir, located in the East Bay Hills in Alameda and Santa Clara Counties, is part of the San Francisco water system.

Calaveras Reservoir receives runoff from the Calaveras Creek and Arroyo Hondo watersheds (a drainage area of approximately 100 square miles). During the wet season, water from Alameda Creek is diverted into Calaveras Reservoir through the Alameda Creek Diversion Dam and tunnel (see Figure 2). Water from Calaveras Reservoir flows through the Calaveras Pipeline to the Sunol Valley Water Treatment Plant (SVWTP) where it is treated for distribution.

Although the population within the SFPUC service area has steadily grown, ongoing repairs, maintenance, and upgrades have not kept pace with the overall system needs to meet increasing water demand from customers. Aging facilities within the system, some of which made use of now-outdated construction methods and materials, are currently in need of major repair, rehabilitation, upgrade, and/or replacement. In 2001, the California Department of Water Resources, Division of Safety of Dams (DSOD) imposed operating restrictions on Calaveras Dam due to seismic concerns. Until the dam safety deficiencies are corrected, the local storage capacity is reduced and normal system operation is impaired.

The SFPUC developed a regional Water System Improvement Program (WSIP) in February 2005 (see www.sfwater.org). The basic goals of the WSIP are to increase the reliability of the system with respect to water quality, seismic response, water delivery, and water supply to meet water purchase requests in the service area through the year 2030.

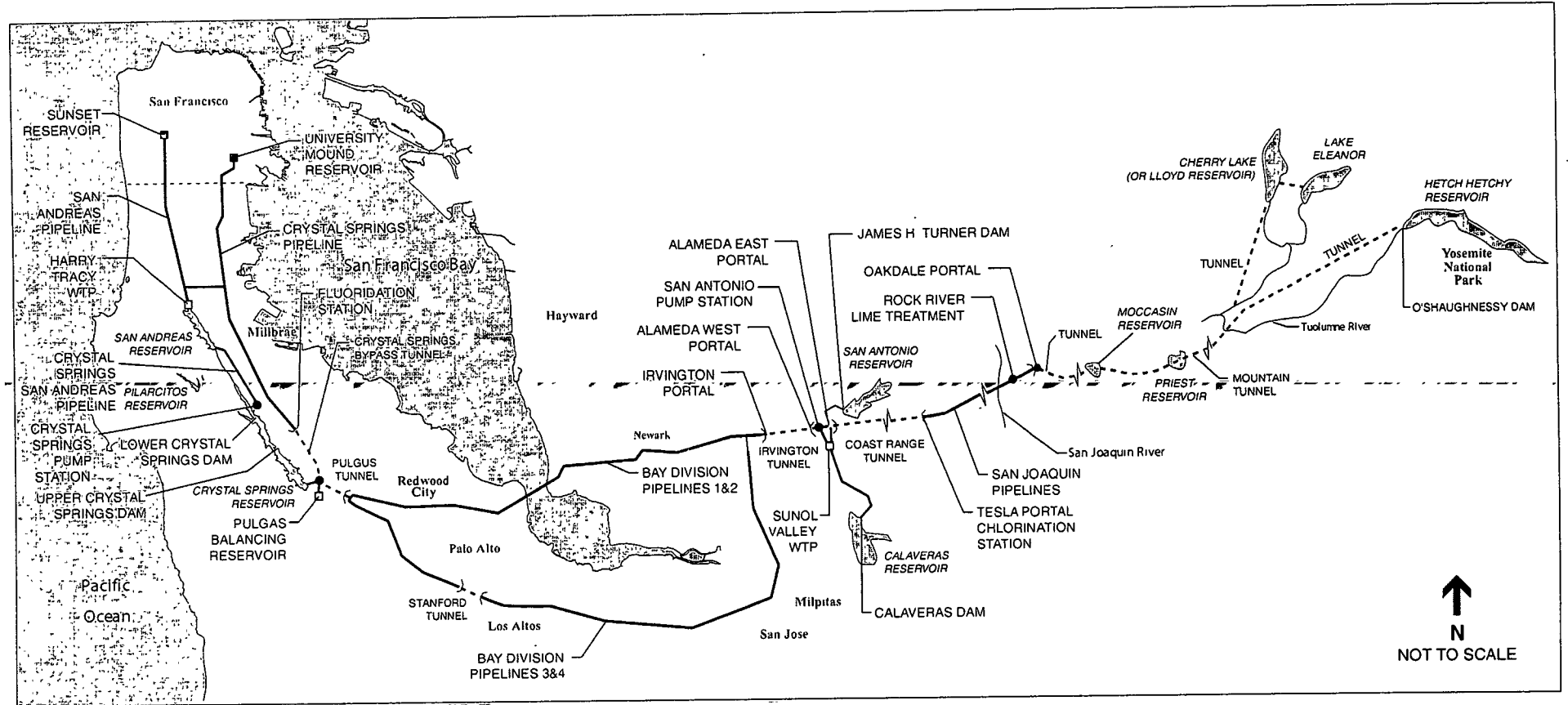
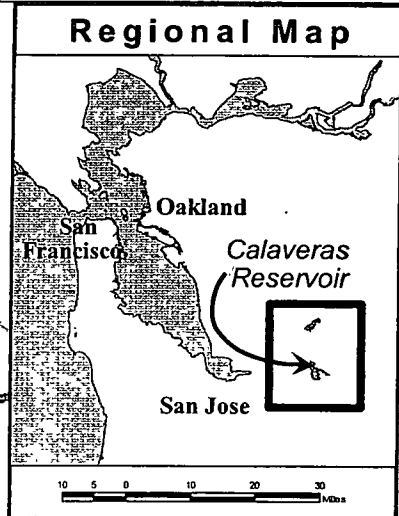
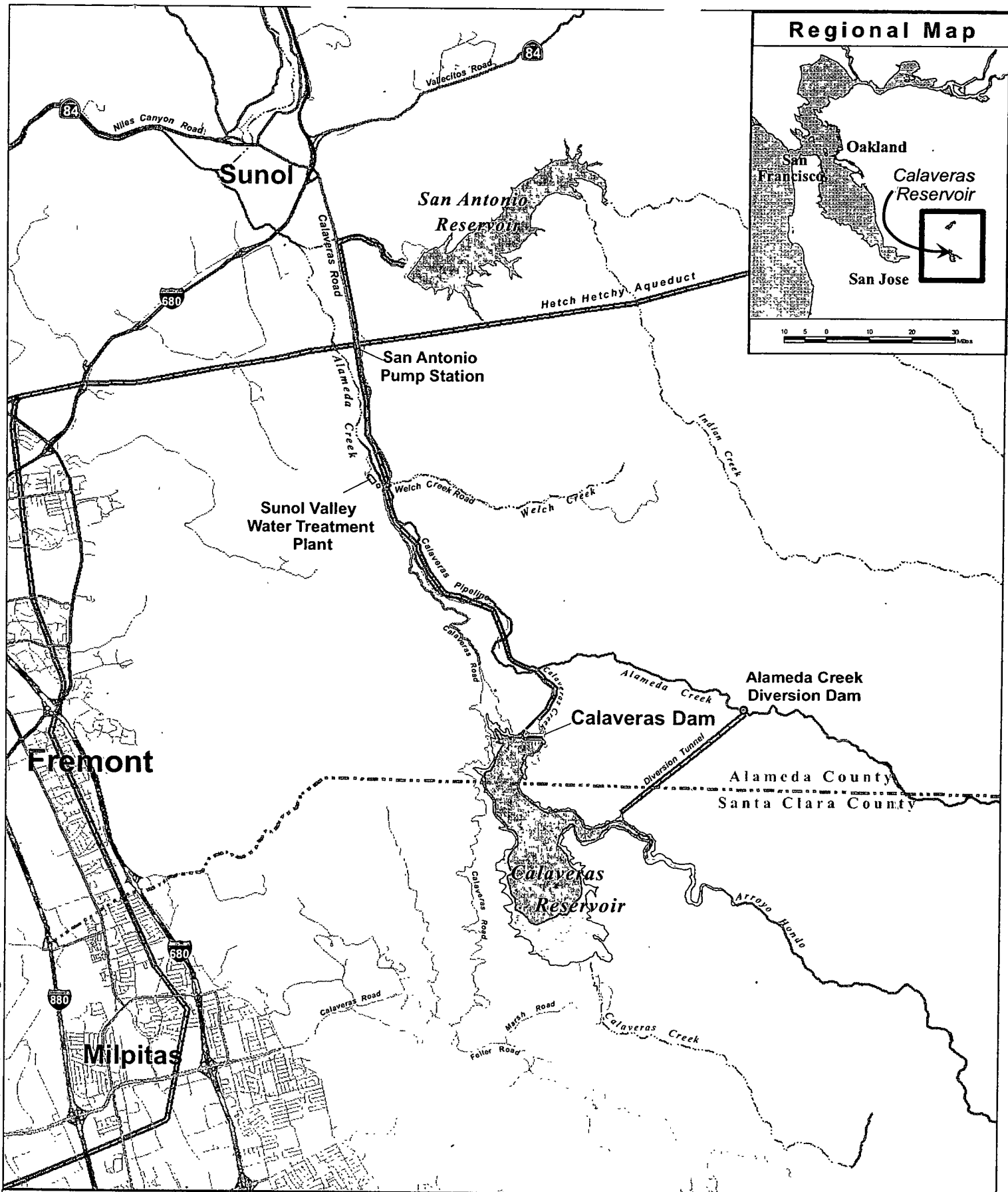


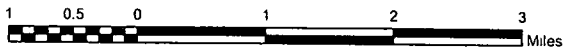
Figure 1
SFPUC Regional Water System

Calaveras Dam Replacement Project Draft EIR

SOURCE: San Francisco Public Utilities Commission (2005)



Sources: Base Mapping -- SFPUC-LRMS GIS / EDAW, Inc. 2005



1 : 95,040
1" = 1.5 miles

10/24/05

Figure 2

Project Location Map

Calaveras Dam Replacement Project Draft EIR

These goals and objectives provide the basis for a series of facility improvement projects that the SFPUC would implement throughout the regional water system and for the implementation of water supply options to meet future annual water delivery needs during normal (non-drought) years, as well as current and future needs during droughts. Implementation of the Calaveras Dam Replacement Project would help meet the seismic reliability goal of the WSIP and, upon restoration of former water storage capabilities, help meet the delivery and drought reliability goals of the WSIP.

1.2 Environmental Review Process

The San Francisco Planning Department, Major Environmental Analysis (MEA) Division will prepare an Environmental Impact Report (EIR) to evaluate the environmental effects of the proposed Calaveras Dam Replacement Project. The EIR will be a Project EIR as defined in CEQA Guidelines Section 15161, and will address the project-specific impacts of the proposed project related to construction and operation. Early discussions between MEA and San Francisco District, U.S. Army Corps of Engineers (Corps) staff indicate that MEA and the Corps may prepare a joint EIR and National Environmental Policy Act (NEPA) Document. In such a case, the NEPA Document could be an environmental assessment (EA) or an environmental impact statement (EIS). Corps staff will make that decision pending verification of wetland delineations. The balance of this Notice of Preparation (NOP) assumes preparation of a joint EIR/NEPA Document.

The first step in the environmental review process is the formal public scoping process, for which this NOP has been prepared. Following public scoping meetings, a Draft EIR/NEPA Document will be prepared jointly by the Lead Agencies (MEA and the Corps) and circulated for a 45-day public review period. Public comments on the Draft EIR/NEPA Document will be accepted in writing or orally at a formal public hearing to be held by the San Francisco Planning Commission. The Lead Agencies will prepare written responses to comments on environmental issues raised during the public comment period, and a Responses to Comments Document will be prepared. This document will be considered by the Planning Commission, along with the Draft EIR and any revisions to the Draft included in the Responses, for certification as a Final EIR.

1.3 Public Scoping Meetings

The San Francisco Planning Department will hold two public scoping meetings at the following locations, dates, and times:

FREMONT – Monday, November 14, 2005, 6:30 p.m. - 8:30 p.m.

Fremont Main Library
2400 Stevenson Boulevard
Fremont, CA
(near Fremont BART station)

SAN FRANCISCO – Tuesday, November 15, 2005, 6:30 p.m. - 8:30 p.m.

San Francisco State University
425 Market Street, Room 301
San Francisco, CA
(near Embarcadero BART station)

The purpose of these meetings is to assist the Planning Department in reviewing the proposed scope and content of the EIR summarized in this NOP. The public will have the opportunity to comment and offer testimony for consideration. The San Francisco Planning Department will also accept written comments at the meetings or by mail or email until the close of business on November 30, 2005.

2.0 PROJECT DESCRIPTION

The Calaveras Dam Replacement Project has two components: replacement of the existing dam at Calaveras Reservoir to meet seismic safety and delivery/drought reliability requirements, and operation of Calaveras Reservoir to release up to 6,300 acre-feet per year of water to Calaveras and Alameda Creeks for enhancement of fisheries and the other natural resources of the creeks.

Calaveras Reservoir is located on the boundary of Alameda and Santa Clara Counties, approximately 10 miles southeast of Fremont, California (see Figure 2). Calaveras Dam is located at the northern end of the reservoir, approximately one mile upstream from the confluence of Calaveras and Alameda Creeks. Calaveras Reservoir is the largest San Francisco Bay Area (local) reservoir in the SFPUC's regional water system (at its historical storage capacity, Calaveras Reservoir retains approximately 40 percent of the SFPUC's total local water storage). On average, local water storage comprises approximately 15 percent of the SFPUC's total regional system storage, with the balance of storage located in the Sierra Nevada Mountains.

Calaveras Dam and Reservoir, as designed and operated prior to the California Department of Water Resources, Division of Safety of Dams (DSOD) restriction in 2001, allowed for retention of approximately 96,850 acre-feet of local runoff from Alameda, Calaveras, and Arroyo Hondo Creek watersheds. Because the dam is located near a seismically active fault zone and was determined to be vulnerable to strong earthquake ground motion, DSOD currently limits the reservoir water level to a maximum elevation that corresponds to about 38,100 acre-feet of storage, which is approximately 60 percent less than the previous normal maximum water storage capacity.

The proposed project includes a replacement dam that would be built immediately downstream of the existing dam to restore the reservoir's historical capacity of 96,850 acre-feet. The dam would be an earthen dam built to withstand the Maximum Credible Earthquake originating on the Calaveras Fault Zone and to withstand the Probable Maximum Flood. The design of the new dam (with a wide clay core and wide internal filter and drainage system) could accommodate enlargement of the dam in the future. SFPUC does not reasonably foresee the need for a larger dam beyond one that restores the reservoir's historical capacity; the dam would be designed to allow potential future reuse of dam components without requiring otherwise more extensive dam removal and rebuilding if an enlargement were ever undertaken in the future. Any enlargement in the future would require a new CEQA process and approvals of the new project, including but not limited to modification or replacement of the existing operating permit by DSOD and possible additional water rights from the State Water Resources Control Board (SWRCB).

For seismic safety purposes and improved operations and maintenance, the proposed replacement dam would include a new intake tower, as well as a new outlet valve for water releases necessary for environmental purposes. Dam design must be approved by DSOD, and DSOD staff will monitor construction.

The main elements of the proposed project are:

- The earthen dam with robust design (wide centrally located clay core, wide filter and internal drainage),
- An un-gated, curved, open chute spillway with a new stilling basin,
- A new intake tower connecting to an existing drain and three water inlet adits,
- Extension of the outlet pipe connecting to a relocated, fixed cone valve,
- A low volume cone valve for water releases for environmental purposes, and

- Installation of instrumentation such as piezometers and settlement monuments, including accelerometers to measure strong ground motions during earthquakes.

The replacement dam would be an earthen dam, with an impervious clay core, internal transition filter zone and drain, and pervious outer shells. The dam would be 220 feet tall (measured from the bottom of the foundation). The freeboard (vertical distance from the spillway crest to the dam crest, used to prevent overtopping of the dam) would be 21.6 feet. At the top of the dam, the elevation would be 778 feet.¹ The dam would be 1,130 feet long at the crest, 1,100 feet thick at the base, and 76 feet thick at the crest. Total volume of the earthen dam would be approximately 2.3 million cubic yards.

The new dam would be constructed at the downstream edge of the existing dam (see Figures 3 and 4). The existing dam would be used as a cofferdam² during construction of the replacement dam. The cofferdam would allow the reservoir to remain in operation up to the present restricted level and would also provide 100-year flood protection during construction. At the completion of the replacement dam, the cofferdam would be leveled off to an elevation of approximately 705 feet, and would be approximately 50 feet below the water level of the refilled reservoir. The excavated material from the cofferdam would be placed between the downstream slope of the cofferdam and the upstream slope of the replacement dam.

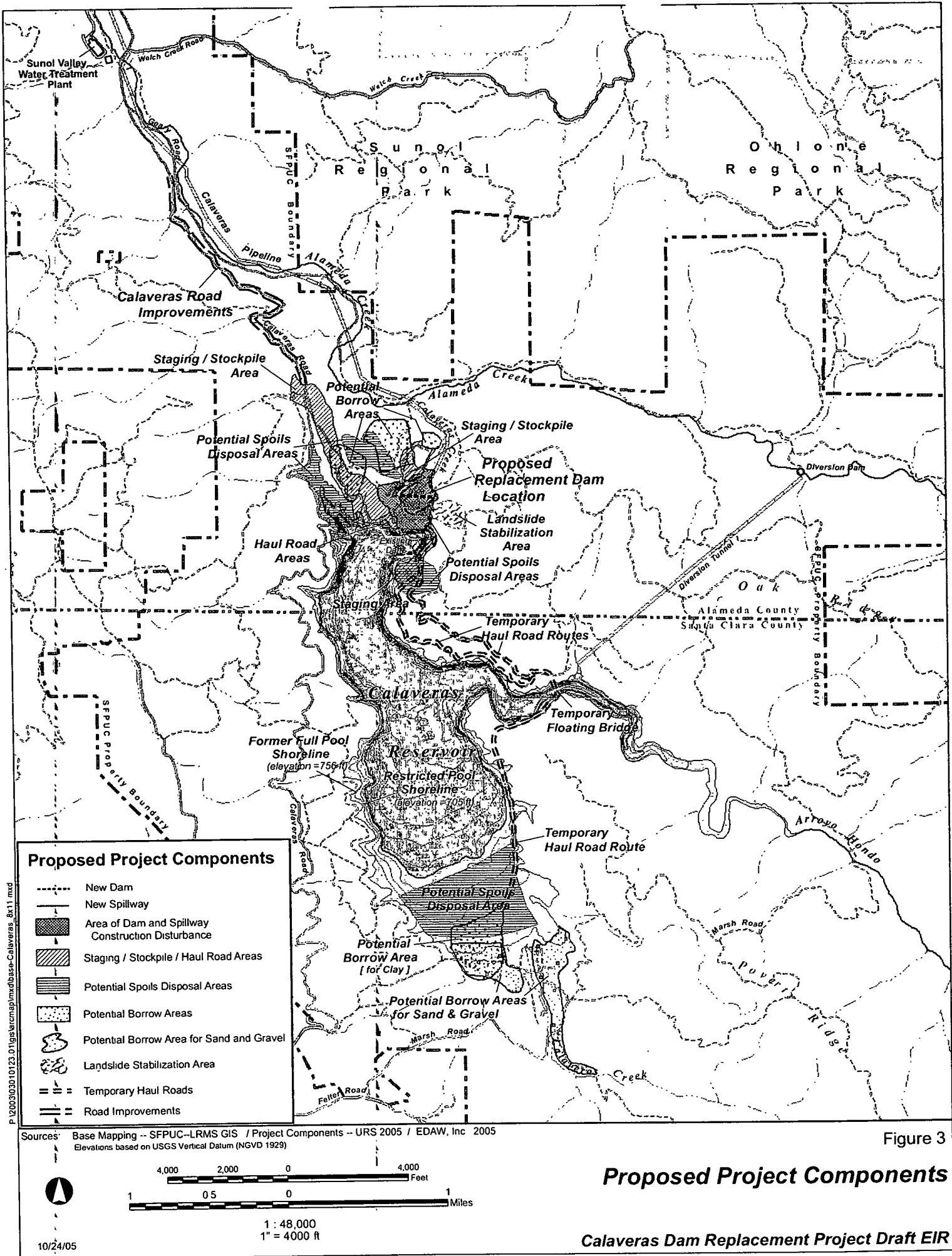
The new spillway would be located at the western end (left abutment) of the dam and would curve to the east to minimize rock excavation of the existing hillside. The spillway would be a rectangular, concrete-lined channel, 120 feet wide at the crest and 1,350 feet in length (including the stilling basin).

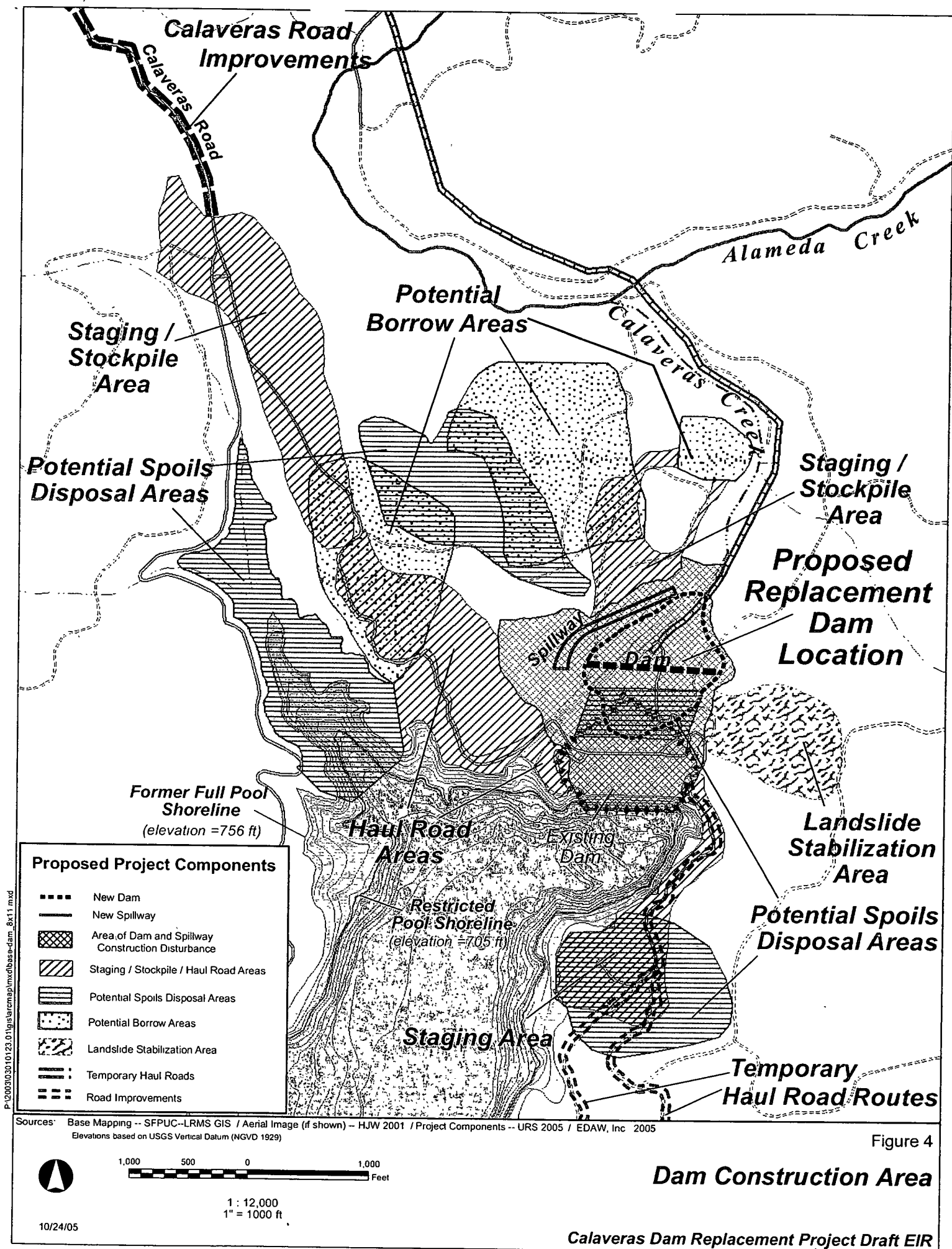
A new intake tower would be constructed on the existing outlet conduit approximately 60 feet downstream of the existing tower. The structure would consist of a circular reinforced concrete tower about 20 feet in diameter, connected to the shore by a bridge. The outlet piping, valves, and fish screens would all be new.

In addition to the spillway, there would be three means of releasing water from the dam: (1) an outlet conduit (existing Calaveras Pipeline) that would convey releases to the SVWTP, (2) a conduit that would discharge water to the spillway stilling basin below the dam and eventually to Calaveras Creek through a

¹ NGVD 1929 Datum. A datum is a line, point, or surface (such as sea level) used as a reference for elevation.

² A cofferdam is a temporary structure to keep water away from a construction site.





72-inch diameter cone valve, and (3) a new 12-inch diameter pipe that would be connected to the 72-inch diameter outlet pipe through Calaveras Dam. Under a 1997 Memorandum of Understanding (MOU) with the California Department of Fish and Game (CDFG), the SFPUC is required to release up to 6,300 acre-feet per year of water from Calaveras Reservoir to Calaveras Creek. SFPUC would use this 12-inch diameter pipe to release water for this purpose.

Much of the material needed to construct the earthfill dam would be obtained from the required excavation of the new spillway and borrow areas in the vicinity of the reservoir (see Figure 3). Three potential borrow areas are located in the hills on the west side of Calaveras Creek, adjacent to and below the existing dam. Another potential borrow area is located at the south end of the reservoir. Sand and gravel for filters and drains would be imported from commercial sources or they could potentially be obtained from deposits in the vicinity of the southern borrow area. Three staging areas would be used for stockpiling of materials in the vicinity of the dam site. These staging areas would also be used for office trailers, site soils testing laboratory, and equipment and maintenance yards. A haul road would be constructed from the southern borrow area to the dam site as shown in Figure 3. The haul road would be located on the east shore of the reservoir. A portion of the haul road would incorporate existing roads that could be graded for this use. A temporary floating bridge would be placed across Arroyo Hondo Creek to move equipment across the creek.

Construction is planned to begin in the first quarter of 2009 and end in the fourth quarter of 2011.

Project Approvals

Following completion of environmental review, the San Francisco Public Utilities Commission would hold a public hearing to consider approval of the proposed project. Approvals would also be required from:

- United States Army Corps of Engineers
- California Department of Water Resources, Division of Safety of Dams
- California Department of Fish and Game

Review of the proposed project would also be conducted by the United States Environmental Protection Agency, United States Fish and Wildlife Service, State Office of Historic Preservation, the San Francisco Bay Regional Water Quality Control Board, San Francisco Bay Area Air Quality Management District, and National Marine Fisheries Service.

3.0 POTENTIAL ENVIRONMENTAL EFFECTS

3.1 Key Environmental Issues

The following key environmental issues will be analyzed in the EIR/NEPA Document.

Biological Resources

Construction of the project could impact sensitive biological resources. Sensitive habitat types and special status species that would be most likely to be affected by potential habitat losses and disturbance are: sycamore alluvial woodland, Calliope silverspot butterfly habitat, bay checkerspot butterfly habitat, rainbow trout, Sacramento perch, Pacific lamprey, California red-legged frog, foothill yellow-legged frog, California tiger salamander, Alameda whipsnake, most beautiful jewel flower, Cooper's hawk, Townsend's western big-eared bat, golden eagle, great blue heron, sharp-shinned hawk, and western pond turtle. The California red-legged frog, California tiger salamander, and the Alameda whipsnake are listed as "threatened" under the federal Endangered Species Act. The National Marine Fisheries Service (NMFS) has proposed the rainbow trout population in the Calaveras Reservoir watershed for listing as "threatened" under the federal Endangered Species Act. In addition, there are 26 federally or state-listed "species of concern" that have the potential to occur in the project area. Potential impacts to sensitive biological resources also include disturbance or temporary removal of aquatic habitats, such as wetlands and riparian areas.

Cultural Resources

Sensitive cultural resources that could be affected by the project include historical and prehistoric features that are protected by federal and state laws. A number of known cultural resource sites are recorded in the project area. Observations of prehistoric resources were documented during construction of the existing dam. Impacts would also involve the built environment, as features associated with the 1920s-era Calaveras Dam and appurtenant facilities would be demolished or substantially altered.

Water Quality

Potential water quality impacts caused by construction of the project could include:

- Increased sedimentation in Calaveras Creek upstream of the reservoir by use of a potential borrow area in close proximity to the creek,
- Increased sedimentation in Calaveras Reservoir through construction activities, and
- Increased sedimentation in Calaveras and Alameda Creeks downstream of the new dam from various construction activities.

Traffic and Transportation

Traffic disruption along Calaveras Road would occur during construction. Much of Calaveras Road is one lane and experiences a low volume of traffic. Recreational bicycle traffic also uses the roadway. The section of Calaveras Road between Felter Road and Geary Road would likely be used as a major hauling route for imported materials used in dam construction. For safety reasons, this section would need to be closed to the public for the duration of construction. The road would remain open to emergency vehicles. The section of Calaveras Road north of Geary Road would remain open during construction and there would be public safety concern during periods of heavy hauling, which may include large volumes of haul trucks depending on the extent of off-site materials required for construction.

Other Environmental Issues

Other topics that will be addressed in detail in the EIR/NEPA document include visual impacts associated with the new dam, geology and seismicity risks associated with dam construction and operation, noise and air quality emissions during construction, hazards associated with accidental spills of hazardous substances into the reservoir and/or local creeks and potential contaminants encountered during construction, cumulative impacts that could occur from this project in combination with other projects planned in the area, and growth-inducing impacts associated with restoring the reservoir's historical water storage capacity. Where impacts would be significant, the EIR/NEPA document will identify and discuss feasible mitigation measures.

3.2 Alternatives

CEQA and NEPA require that an EIR or a NEPA Document evaluate a reasonable range of feasible alternatives to the project, or to the location of the project, that would attain most of the basic project objectives, but that could avoid or substantially lessen any of the significant effects of the project. In addition to the No Project alternative required by both NEPA and CEQA, the EIR/NEPA Document will evaluate an alternative type of dam in the proposed new location (i.e., one that would not be designed with a wide core that could accommodate enlargement of the dam in the future, if ever needed). It is anticipated that the scoping process may identify other alternative approaches to avoid potentially significant impacts of the proposed project.

Chw/Hw/SJW

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FILE S009453

September 19, 2005

Susan Wilson
SWRCB
P.O. Box 100
Sacramento, CA 95812

STATE WATER RESOURCES
CONTROL BOARD
DIV. OF WATER RIGHTS
SACRAMENTO
2005 SEP 21 PM 2:10

Re: Statement of Water Diversion and Use 9453

Dear Susan:

Because you mentioned that the SWRCB file for S. 9453 has not been located, enclosed is my copy of the Board file regarding S.9453. These documents, in addition to the supplemental statements I filed today, will complete the file for S.9453.

Please call me if you have any questions. Thank you.

Sincerely,

Patty

Patty Slomski, Paralegal

cc: Margaret Leavitt

STATE OF CALIFORNIA

STATE WATER RESOURCES CONTROL BOARD
DIVISION OF WATER RIGHTS
STATEMENT OF WATER DIVERSION AND USE

S9453

This statement should be typewritten or legibly written in ink.

City and County of San Francisco/
Water DepartmentA. Name of person diverting water _____
Address 425 Mason St., San Francisco, Ca. 94102 Telephone: (415) 558-3616B. Name of body of water at point of diversion Calaveras Creek
Tributary to Alameda CreekC. Place of diversion S $\frac{1}{4}$ W $\frac{1}{4}$ Section 13, Township 5 S, Range 1 E, N D B&M
Alameda County, or locate it on sketch of section grid on reverse side with regard to section lines or prominent local landmarks.D. Name of works Calaveras DamE. Capacity of diversion works 78 MGD cubic feet per second
Capacity of storage reservoir 96,820 Acre-Feet gallons per minute
State quantity of water used each month in gallons or acre-feet gallons
acre-feet

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total Annual
1976	1704	170	27	2254	1946	1991	1,096	68	0	1	6	0	9,263 MG
1975	41	0	91	893	1102	50	0	76	828	1160	2164	1961	8,366 MG
1974	1501	1410	1515	1725	2361	2269	920	78	0	0	0	624	12,403 MG*

Maximum annual water use in recent years 1973 16,557 MG gallonsMinimum annual water use in recent years 34 MG Jan. thru Sept. 1977 acre-feetType of diversion facility: gravity ☒, pump _____ gallons
acre-feetMethod of measurement: weir _____, flume _____, electric power meter _____, water meter ☒, estimate _____F. Purpose of use (what water is being used for) Municipal water supply for San Francisco and part of San Mateo, Santa Clara, and Alameda CountiesG. General description or location of place of use (use sketch of section grid on reverse side if you desire)
See enclosed map of service area.H. Year of first use as nearly as known 1920 (first used by predecessor, Spring Valley Water Company)I. Name of person filing statement Kenneth R. BoydPosition General Manager Organization San Francisco Water DepartmentAddress 425 Mason Street, San Francisco, Ca. 94102 Telephone: (415) 558-3616

I declare under penalty of perjury that the above is true and correct to the best of my knowledge and belief.

DATED: October 26, 19 77, at San Francisco, California.Signature: Kenneth R. Boyd

See Instructions on Reverse Side

*Year's reservoir storage reduced to facilitate strengthening of dam.

The location of the diversion point and the place of use may be sketched on this section grid. If it is used, please enter the section(s), township and range below and show any streams or other landmarks that will assist in identifying the area.

N

W

Section(s) _____

Township _____ Range _____ B&M _____

INSTRUCTIONS:

A separate statement should be filed for each point of diversion.

A duplicate copy will be returned for your file.

Please send the completed statement to: **STATE WATER RESOURCES CONTROL BOARD**

Division of Water Rights



2125 - 15th Street

Sacramento, California 95815

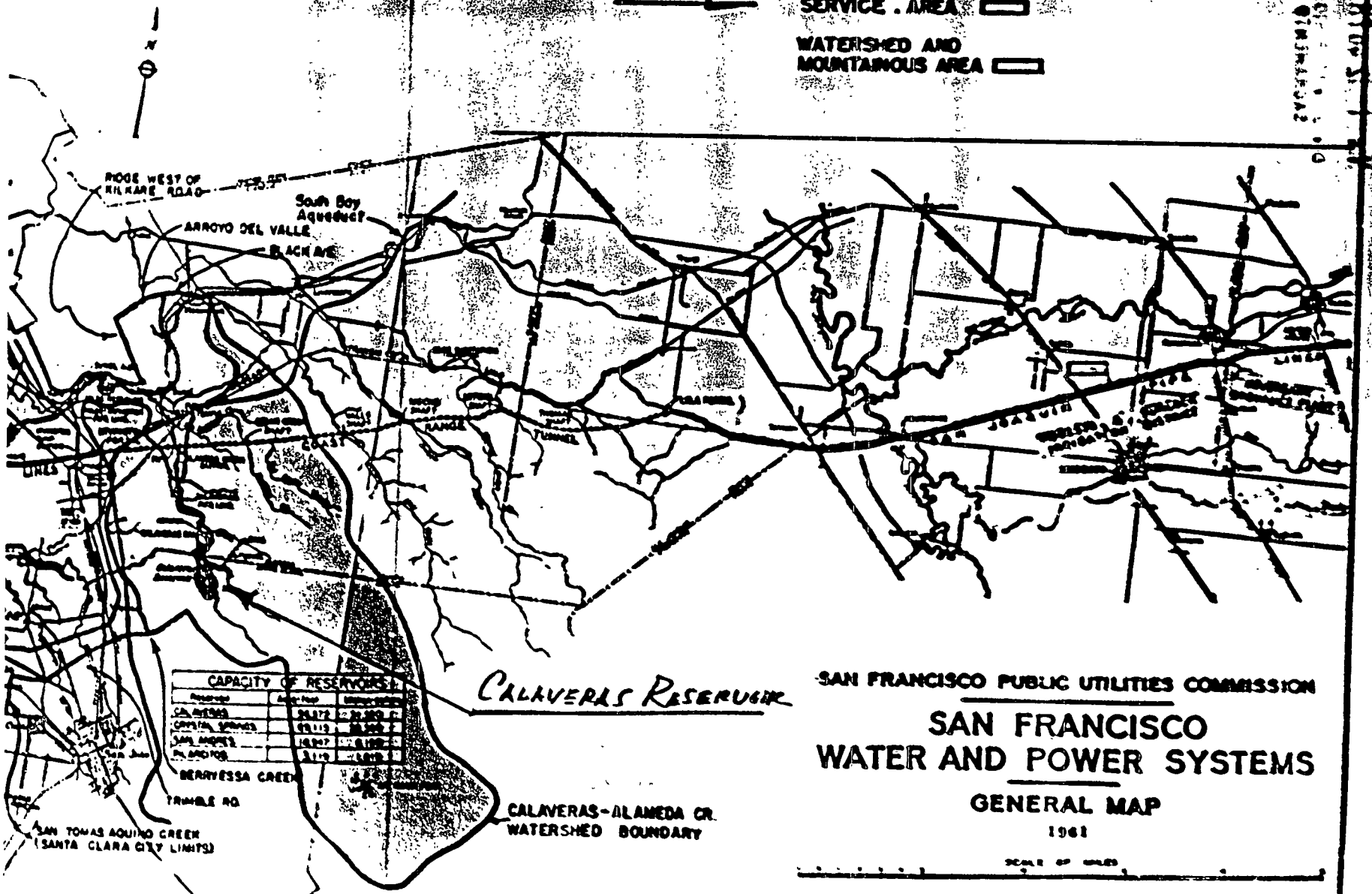
Telephone: (916) 445-0845

RECEIVED
 DIVISION OF WATER RIGHTS
 SACRAMENTO, CALIF.
 JAN 12 1977
 2489

SERVICE INCLUDED TO (OUTSIDE OF PINK AREA):
 COASTSIDE CO. WATER DIST. AT HALFMOON BAY;
 ATOMIC PLANT AT LIVERMORE;
 RECLAIMED TIDELANDS ADJOINING PINK AREA

SERVICE AREA 
 WATERSHED AND MOUNTAINOUS AREA 

27405
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CAPACITY OF RESERVOIRS		
Reservoir	Area (Ac.)	Capacity (cu ft)
Calaveras	26,872	2,700,000,000
Crystal Springs	47,112	48,000,000
San Antonio	16,207	1,600,000,000
El Estero	3,119	3,000,000

Calaveras Reservoir

SAN FRANCISCO PUBLIC UTILITIES COMMISSION

SAN FRANCISCO WATER AND POWER SYSTEMS

GENERAL MAP

1961

SCALE OF MILES



**PUBLIC UTILITIES COMMISSION
CITY AND COUNTY OF SAN FRANCISCO**

DIANNE FEINSTEIN, Mayor
RICHARD SKLAR, General Manager

UTILITIES ENGINEERING BUREAU

ORAL MOORE, Chief Engineer and Deputy General Manager

SAN FRANCISCO
MUNICIPAL RAILWAY

HETCH HETCHY
WATER AND POWER

SAN FRANCISCO
WATER DEPARTMENT

April 16, 1981

Subject: Hetch Hetchy Water and Power
Calaveras Reservoir
Low Head Hydroelectric
Plant - Request for
Guidelines Ruling

California State Water Resources Control Board
Division of Water Quality
P. O. Box 100
Sacramento, California 95801

Gentlemen:

We are presently preparing a plan to construct a low head hydroelectric plant adjacent to an existing energy dissipator, below the existing Calaveras Reservoir, approximately 600 feet downstream from the reservoir.

The proposed project will utilize the available head between the reservoir and the energy dissipator. The power plant will consist of a new concrete structure, approximately 20 X 30 X 15 feet high, a new above ground penstock, 36 inches in diameter, approximately 40 feet long which will be tapped off from the existing 44-inch above ground pipeline upstream of the energy dissipator and a new pole line from the power plant to the existing Pacific Gas and Electric Company's pole line. The plant discharge line and the tailrace will be connected to the existing outlet structure from the energy dissipator and from that point will flow into the existing pipeline down to Sunol Filter Plant. The proposed size of the plant is approximately 800 kilowatts.

Currently, the public does not have access to the area which is also away from public view. An existing road which is used by the operating personnel is already in the area and no new road construction is necessary.

Calaveras Reservoir is owned and operated by the City and County of San Francisco. The proposed site is located in Alameda County.

We are requesting your Department to determine if the proposed project meets with your guidelines. Your comments are most welcome in order for us to comply with the Federal and State guidelines.

693 Vermont Street - San Francisco, California 94107 (415) 558-2284

California State Water Resources Control Board

April 16, 1981

Enclosed is a map showing the general location of the proposed project.

If you have any questions, please call Pete Paraguya of this office on (415) 824-2404.

Very truly yours,



P. J. PHILLIPS
Principal Engineer

PTP:gc

cc: OMcNere
BMcCofey
PJPhillips
FHaaskjold
PTParaguya
File

PTP



**PUBLIC UTILITIES COMMISSION
CITY AND COUNTY OF SAN FRANCISCO**

DIANNE FEINSTEIN, Mayor
RICHARD SKLAR, General Manager

UTILITIES ENGINEERING BUREAU

ORAL MOORE, Chief Engineer and Deputy General Manager

SAN FRANCISCO
MUNICIPAL RAILWAY

HETCH HETCHY
WATER AND POWER

SAN FRANCISCO
WATER DEPARTMENT

July 30, 1981

Subject: Calaveras Reservoir Low Head Hydroelectric
Plant - Request for Guidelines Ruling

California State Water Resources
Control Board
Division of Water Quality
P. O. Box 100
Sacramento, California 95801

Gentlemen:

Attached is a photocopy of our letter to you dated April 16, 1981.
As of this date, we have not received any reply from you.

May we please have an answer to this letter.

Very truly yours,

P. T. MATSUMURA
Manager
Engineering Services Division

Enc.

RECEIVED
AUG 6 1981
DIVISION OF WATER QUALITY

*Not rec'd?
by Div. of N.R.*

693 Vermont Street, San Francisco, California 94107 (415) 558-2282

Division of Water Rights

77 CADILLAC DRIVE, SACRAMENTO, CALIFORNIA 95826

(916) 924-2448

SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE

9453

DIVERTER OF RECORD:

STATEMENT NO: 009513

CITY AND COUNTY OF SAN FRANCISCO
WATER DEPARTMENT
425 MASON STREET
SAN FRANCISCO, CA 94102

TELEPHONE NUMBER:

()

IF NAME/ADDRESS/PHONE NO. IS WRONG OR MISSING, PLEASE CORRECT.

SOURCE: UNNAMED STREAM

TRIBUTARY TO: COTTON CREEK

COUNTY: MARIPOSA

*This # was transposed
on supplemental
document*

DIVERSION

WITHIN: 1/4 OF NE1/4 SECTION 10, T4S, R16E, MDD&M.

INSTRUCTIONS: Please complete Items A, B and C. Item D should be completed if you replaced
part of your regular water supply with reclaimed or polluted water. Return one copy
of form by July 1, 1981 (Additional information on reverse side of this form.)

CONTACT REPORT

DIVISION OF WATER RIGHTS

STATE WATER RESOURCES CONTROL BOARD

Subject Calaveras Reservoir Hydro-Electric Project

Division Personnel Archie A. Chesler

Date August 23, 1981 Time PM

Personal ☐ Where

Telephone ☒ Number (415) 553-2232

Individual(s)/Agency Contacted Mr. Paul Matsumura of City & County of San Francisco Public Utilities Commission

Conversation Description Utilities Engineering Bureau.

I telephoned Mr. Paul Matsumura regarding his letter Dated July 30, 1981 (which was rec'd by Water Quality on Aug 6 and rec'd here on Aug 18, 1981) enclosing a copy of the April 16, 1981 letter from P.J. Phillips.

The following points were made:

1. CCSFUC is now aware that correspondence regarding water rights should be sent to this office and not to the Division of Water Quality.
2. Mr. Matsumura said that construction of Calaveras Dam was commenced in 1913. According to Statement 9453, the first use of water from Calaveras Reservoir was made in 1920.
3. CCSF should file an application to cover use of water from Calaveras Reservoir for generation of Hydro-electric power.
4. All the water stored in Calaveras Reservoir is from its watershed.
5. The proposed Hydro-Electric project would be from Calaveras Reservoir outlet pipe.
6. He told him I would write a letter confirming our discussion.

Action Item

9453

(916) 924-2456

SEP 2 1981

In Reply Refer
to: 321:AAC:266.0

P. J. Matsumura, Manager
Engineering Services Division
Utilities Engineering Bureau
City and County of San Francisco
693 Vermont Street
San Francisco, CA 94107

*266.0
San Francisco
City & County of
CALAVERAS RES
POWER PLANT
ALAMEDA CO*

Dear Mr. Matsumura:

CALAVERAS RESERVOIR IN ALAMEDA COUNTY

This will confirm your August 23, 1981 telephone conversation with Mr. A. A. Chesler of our staff. On August 18, 1981, we received your July 30, 1981 letter enclosing a copy of your April 15, 1981 letter. You had misssent the April 15, 1981 letter to the Division of Water Quality and we had never received it. You should address all correspondence regarding water right matters to the Division of Water Rights.

You said that construction of Calaveras Dam was commenced in 1913. We also understand that use of water commenced in 1920.

In 1872, a permissive procedure for posting a notice of appropriation at the proposed point of diversion was provided by Sections 1410 through 1422 of the Civil Code. The priority of an appropriator who did not comply with the Civil Code procedure did not attach until water was beneficially used. If the City and County of San Francisco does not have a valid right to store water in Calaveras Reservoir, it should file an application with this office to initiate an appropriative right to cover that storage and use of water.

The City and County of San Francisco should apparently file an application to appropriate unappropriated water covering water use at the proposed hydroelectric power plant located below and near Calaveras Dam. Forms for that purpose are enclosed.

Sincerely,

Original signed by

David S. Holtry
Senior Engineer
Application Unit

Enclosure

AACHesler:neo'brien
9-1-81

SURNAME	<i>Chesler</i> 9-2-81	<i>Holtry</i>		
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PAR 540 pg. 76

CONTACT REPORT

DIVISION OF WATER RIGHTS
STATE WATER RESOURCES CONTROL BOARD

Subject S-9453

CALAVARAS RESERVOIR

Division Personnel J O'HAGAN

Date 1-19-92 Time 2:30

Personal ☐ Where _____

Telephone ☐ Number _____

Individual(s)/Agency Contacted RAY QUAN SAN FRANCISCO WATER
DEPARTMENT

Conversation Description Mr. Quan called for information about any
water right that covers their Calaveras Reservoir in Alameda Creek

SD TSS RIE MDRM. He wanted to be sure of an existing right that
covers their storage of water. If he received assurance, the S.F
Water Department was possibly going to protest the upstream reservoir
being built for which a notice was received.

I informed Mr. Quan that our records show no confirming
Post-1914 Appropriative Rights which cover any storage right at
Calaveras Reservoir. I informed him that the only records
kept for this reservoir was Statement 9453 and that our office
could not confirm the basis of this statement. Confirmation
of this statement is their responsibility and if ever questioned
would have to be proven by a court.

Mr. Quan then stated that it would probably be better
if San Francisco Water Dept. did not protest any new Applications
on Alameda Creek.

I made no further comments regarding this statement.

Decision(s) _____

Action Items No Action

SURNAME	<u>John O'Hagan</u>			
---------	---------------------	--	--	--

STATE WATER RESOURCES CONTROL BOARD
DIVISION OF WATER RIGHTS

2125 19TH STREET

SACRAMENTO, CALIFORNIA 95816

(916) 445-0826



In Reply Refer
To: ~~211:AFB:9453~~

November 9, 1977

City and County of San Francisco Water Dept.
425 Mason Street
San Francisco, CA 94102

Statement of Water Diversion
and Use - No. 9453

Your statement of water diversion and use has been received and assigned the above number. You should refer to this number in any correspondence to this office regarding the statement.

A duplicate copy of the statement is enclosed for your records.

Please notify us of any change in address or change in ownership.

The law requires that supplemental statements be submitted at three-year intervals, and we will send you the necessary forms when they become due.

L. C. Spencer

L. C. Spencer
Supervising Engineer

Enclosure

SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE

Please complete items A, B, C, and I (if applicable). The other items need not be completed unless there has been a change since the previous report.

NO. 9453

A. Name of person diverting water: San Francisco Water Department
Address 425 Mason ST.
San Francisco, CA. 94101 Telephone (415) 558-3610

Name and address of person filing supplemental statement if different from above:

Ray Quan

Planning & Resources

San Francisco Water

Name and address of owner of project if different from above:

B. Name of body of water at point of diversion Calaveras Creek
Tributary to Alameda Creek

C. State quantity of water used each month in gallons ☒ or acre-feet ☒ (Check units reported or show other here Million-) Gallons

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total Annual
1977	44.8	40.3	44.5	43.2	43.8	38.4	39.8	39.7	38.4	39.7	95.8	68.9	577.5
1978	(45)	(45)	(45)	(45)	(45)	(45)	47.6	37.8	77.7	68.4	221.9	24.8	548.2
1979	52.3	51.7	38.0	35.4	72.8	30.7	24.8	31.0	24.7	6.9	3.6	(25)	397.0

If monthly and annual use are not known, check months in which water was used. State extent of use in units, such as acres of each crop irrigated, average number of persons served, number of stock watered, etc.

D. Place of diversion SW 1/4 - 1/4 Section 13, Township 58, Range 1E, Mt. D. BLM.

E. Name of works Calaveras Dam, Calaveras Crk. tributary Alameda Crk.

F. Capacity of diversion works 22,000 cubic feet per second
Capacity of storage reservoir 96,850 ~~cubic feet~~ acres
acre-feet

Type of diversion facility: gravity ☒, pump ☐

Method of measurement: weir ☒, flume ☐, electric power meter ☐, water meter ☐, estimate ☐

G. Purpose of use (what water is being used for) Domestic

H. General description or location of place of use San Francisco Bay Area

I. If water reclaimed by sewage treatment facilities or polluted water not normally considered usable has been substituted in whole or in part for water previously diverted by the works described in this statement, please state quantities of water substituted in gallons or acre-feet.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total Annual
1977	:	:	:	:	:	:	:	:	:	:	:	:	:
1978	:	:	:	:	:	:	:	:	:	:	:	:	:
1979	:	:	:	:	:	:	:	:	:	:	:	:	:

I declare under penalty of perjury that the above is true and correct to the best of my knowledge and belief.

DATED: 12/10, 1979, at S.F., California

() = Estimate

P R

(916) 324-2448
SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE

DIVERTER OF RECORD:

STATEMENT NO: 009453

CITY & COUNTY OF SAN FRANCISCO
WATER DEPARTMENT
425 MASON ST
SAN FRANCISCO, CALIF 94102

TELEPHONE NUMBER:
(415) 558-3610

IF NAME/ADDRESS/PHONE NO. IS WRONG OR MISSING, PLEASE CORRECT.

SOURCE: CALAVERAS CREEK

TRIBUTARY TO: ALAMEDA CREEK

COUNTY: ALAMEDA

DIVERSION

WITHIN: 1/4 OF 1/4 SECTION 13, T05S, R01E, M0R&M.

INSTRUCTIONS: Please complete Items A, B, and C. Item D should be completed if you replaced all or part of your regular water supply with reclaimed or polluted water. Return one copy of this form by July 1, 1983. (Additional information on reverse side of this form.)

A. Amount of Use - Fill in the amount of water used each month. If monthly and annual use are not known, check the months in which water was used.

Amounts below are: ☐ Gallons ☐ Acre-feet ☒ Million Gallons (other)

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total Annual
1980	1,887	3,050	1,130	843	678	343	113	69	76	157	77	79	8,482
1981	49	72	25	30	38	110	116	46	120	15	8	8	517
1982	85	129	1,916	3,507	176	81	70	94	296	23	17	20	6,414

B. Purpose of Use - Specify number of acres irrigated, stock watered, persons served, etc.

Irrigation _____

Stockwatering _____

Domestic 678,000

Other (specify) _____

C. Changes in Method of Diversion - Describe any changes in your project since your previous statement was filed. (New pump, enlarged diversion dam, location of diversion, etc.)

NONE

D. If part of the water listed in Part A consists of reclaimed or polluted water, please indicate the annual amounts of reclaimed or polluted water in the space below.

I declare under penalty of perjury that the information in this report is true to the best of my knowledge and belief.

DATE: 3/31, 1983, at S.F., California

Signature: RFB

SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE

DIVERTEE OF RECORD:

STATEMENT NO: 009453

CITY & COUNTY OF SAN FRANCISCO
WATER DEPARTMENT
425 MASON ST
SAN FRANCISCO, CA 94101TELEPHONE NUMBER:
(415) 558-3610

IF NAME/ADDRESS/PHONE NO. IS WRONG OR MISSING, PLEASE CORRECT.

SOURCE: CALAVERAS CREEK

TRIBUTARY TO: ALAMEDA CREEK

COUNTY: ALAMEDA

DIVERSION

WITHIN: 1/4 OF 1/4 SECTION 13, T05S, R01E, M093M.

INSTRUCTIONS: Please complete Items A B and C. Item D should be completed if you replaced all or part of your regular water supply with reclaimed or polluted water. RETURN THIS FORM BY JULY 1, 1986. (Additional information on reverse side of this form.)

A. Amount of Use - Fill in the amount of water used each month. If monthly and annual use are not known, check the months in which water was used.

Amounts below are: ☐ Gallons
☐ Acre-feet
☒ Million Gallons (other)

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total Annual
1983	1,007	12,747	13,767	2,510	1,607	12	17	13	12	13	12	13	31,730
1984	13	12	13	12	13	12	13	13	12	13	12	13	151
1985	13	12	13	12	13	18	22	18	20	18	18	4	181

B. Purpose of Use - Specify number of acres irrigated, stock watered, persons served, etc.

Irrigation _____

Stockwatering _____

Domestic 678,000

Other (specify) _____

C. Changes in Method of Diversion - Describe any changes in your project since your previous statement was filed. (New pump, enlarged diversion dam, location of diversion, etc.)

NONE

D. If part of the water listed in Part A consists of reclaimed or polluted water, please indicate the annual amounts of reclaimed or polluted water in the space below.

I declare under penalty of perjury that the information in this report is true to the best of my knowledge and belief.

DATED: 2/10 1986 at San Francisco, California

Signature: R. F. Quinn, Jr., Esq.

STATE OF CALIFORNIA
 ATE WATER RESOURCES CONT
 Division of Water Rights

P.O. BOX 2000 SACRAMENTO CA 95810
 (916) 322-4600

MENTAL STATEMENT OF WATER DIVERSION AND USE

DIVERTER OF RECORD:

DEC 15 1988

STATEMENT NO: 009453

CITY & COUNTY OF SAN FRANCISCO
 WATER DEPARTMENT
 425 MASON ST
 SAN FRANCISCO, CA 94104 91102

TELEPHONE NUMBER:
 (415) 880-2010
 025-210

IF NAME/ADDRESS/PHONE NO. IS WRONG OR MISSING, PLEASE CORRECT.

SOURCE: CALAVERAS CREEK

TRIBUTARY TO: ALAMEDA CREEK

COUNTY: ALAMEDA

DIVERSION

WITHIN: 1/4 OF 1/4 SECTION 13, T05S, R02E, M04N.

INSTRUCTIONS: Please complete Items A, B and C. Item D should be completed if you replaced all or part of your regular water supply with reclaimed or polluted water. RETURN THIS FORM BY JULY 1, 1989. (Additional information on reverse side of this form.)

A. Amount of Use - Fill in the amount of water used each month. If monthly and annual use are not known, check the months in which water was used.

Amounts ☐ Gallons
 below are: ☒ Acre-feet
☐ _____ (other)

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total Annual
1986	1320	2025	4230	4765	3141	2091	3030	5894	6232	2557	4393	3825	43501
1987	6026	4298	1925	2634	0	12	3051	0	181	2063	1028	245	21467
1988	0	0	0	0	0	2192	731	193	0	531	1075	150	4872

B. Purpose of Use - Specify number of acres irrigated, stock watered, persons served, etc.

Irrigation _____

Stockwatering _____

Domestic Part of supply for a population of approximately 2.1 million

Other (specify) _____

C. Changes in Method of Diversion - Describe any changes in your project since your previous statement was filed. (New pump, enlarged diversion dam, location of diversion, etc.)

None

D. If part of the water listed in Part A consists of reclaimed or polluted water, indicate the annual amounts of reclaimed or polluted water in the space below

None

I declare under penalty of perjury that the information in this report is true to the best of my knowledge and belief.

DATED: April 6, 1989 at San Francisco

Signature: James D. Conway
 James D. Conway

STATE WATER RESOURCES
CONTROL BOARD
2005 SEP 21 PM 2:10
DIV OF WATER RIGHTS
SACRAMENTO

SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE

If the information below is inaccurate, please line it out in red and provide current information.
Notify this office if ownership or address changes occur during the coming year.

Please Complete and Return This Form by JULY 1, 2005

2005 SEP 19 PM 1:03

DIV OF WATER RIGHTS
SACRAMENTO

Owner of Record: CITY & COUNTY OF SAN FRANCISCO

PRIMARY CONTACT OR AGENT FOR MAIL & REPORTING
CITY & COUNTY OF SAN FRANCISCO
C/O MICHAEL CARLIN, ASST GEN MGR, WTR
1155 MARKET STREET, 11TH FLOOR
SAN FRANCISCO, CA 94102 94103

STATEMENT NO.: **S009453**
CONTACT PHONE NO.:

Source Name: CALAVERAS CREEK
Tributary To: ALAMEDA CREEK
County: ALAMEDA
Diversion Within: S ¼ OF W ¼ Section 13, T05S, R01E, MDB&M

Year of First Use: 1920 1916
Parcel Number:

A. **Water is Used Under:** Riparian claim _____ Pre-1914 right ☒ Other (explain): _____

B. **Year of First Use:** (Please provide if missing above) _____

C. **Amount of Use:** Enter the amount (or the approximate amount) of water used each month, using the table below. See Attachment A.

Amounts below are in: Gallons Million Gallons (MG) X Acre-feet (AF) Other													
Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total Annual
2001	1670.1	84.1	654.8	159.6	1387.5	2598.2	2802.5	1672.7	1053.0	222.5	29.4	1521.6	13,856.0
2002	682.0	645.7	777.2	589.0	521.5	0	0	0	59.6	1114.9	551.6	127.9	5,069.4
2003	1999.1	2094.9	1444.3	325.5	725.45	676.8	595.1	567.5	451.7	222.3	143.8	490.2	9,736.5

D. **Purpose of Use** – Specify number of acres irrigated, stock watered, persons served, etc.

Irrigation _____ acres; Stockwatering _____; Domestic _____;

Other (specify) Municipal and Industrial Use in the San Francisco Bay Area service area

E. **Changes in Method of Diversion** – Describe any changes in your project since your previous statement was filed.
(New pump, enlarged diversion dam, location of diversion, etc.) See Attachment A.

F. Please answer only those questions below which are applicable to your project.

1. Conservation of water

a. Are you now employing water conservation efforts? YES ☒ NO _____
Describe any water conservation efforts you have initiated: _____ See Attachment A.

b. If you are claiming credit for water conservation under section 1011 of the Water Code for your claimed pre-1914 appropriative right, please show the amount of water conserved.

Reduction in Diversions:

Year _____ (AF/MG) Year _____ (AF/MG) Year _____ (AF/MG)

Reduction in consumptive use:

Year _____ (AF/MG) Year _____ (AF/MG) Year _____ (AF/MG)

I have data to support the above surface water use reductions due to conservation efforts. YES _____ NO _____

2. Water quality and wastewater

- a. Are you now or have you been using reclaimed water from a wastewater treatment facility, desalination facility or water polluted by waste to a degree which unreasonably affects such water for other beneficial uses? YES _____ NO X_____.
- b. If you are claiming credit due to the substitution of reclaimed water, desalinated water or polluted water in lieu of a claimed pre-1914 appropriative right under section 1010 of the Water Code, please show amounts of reduced diversions and amounts of substitute water supply used.

Amount of reduced diversion:

Year _____ (AF/MG) Year _____ (AF/MG) Year _____ (AF/MG)

State the type of substitute water supply: _____

Amount of substitute water supply used:

Year _____ (AF/MG) Year _____ (AF/MG) Year _____ (AF/MG)

I have data to support the above surface water use reductions due to the use of a substitute water supply. YES _____ NO _____.

3. Conjunctive use of surface water and groundwater

- a. Are you now using groundwater in lieu of surface water? YES _____ NO X_____.
- b. If you are claiming credit due to the substitution of groundwater for a claimed pre-1914 appropriative right under section 1011.5 of the Water Code, please show the amounts of groundwater used:

Year _____ (AF/MG) Year _____ (AF/MG) Year _____ (AF/MG)

I have data to support the above surface water use reductions due to the use of groundwater. YES _____ NO _____.

I understand that it may be necessary to document the water savings claimed in "F" above if credit under Water Code sections 1010 and 1011 is sought in the future.

I declare that the information in this report is true to the best of my knowledge and belief.

DATE: 13 September 2005 at San Francisco, California

SIGNATURE: Michael D. Carlin

PRINTED NAME: MICHAEL CARLIN
(first name) (middle initial) (last name)

COMPANY NAME: CITY AND COUNTY OF SAN FRANCISCO

If there is insufficient space for your answers, please use the space provided below.

ITEM

CONTINUATION

C _____ Due to concerns over the seismic stability of Calaveras Dam, the Calif. Dep't of Water Resources, _____
_____ Division of Safety of Dams (DSOD), by letter dated September 25, 2001, limited storage in Calaveras
_____ Reservoir to Elevation 700 feet (USGS Datum). DSOD approved an operating increase to Elevation
_____ 705 feet on February 20, 2003. The CCSF has been diligently pursuing construction of a replacement dam.

GENERAL INFORMATION PERTAINING TO WATER RIGHTS IN CALIFORNIA

There are two principal types of surface water rights in California. They are riparian and appropriative rights.

A riparian right enables an owner of land bordering a natural lake or stream to take and use water on his riparian land. Riparian land must be in the same watershed as the water source and must never have been severed from the sources of supply by an intervening parcel without reservation of the riparian right to the severed parcel. Generally, a riparian water user must share the water supply with other riparian users. Riparian rights may be used to divert the natural flow of a stream but may not be used to store water for later use or to divert water which originates in a different watershed, water previously stored by others, return flows from use of groundwater, or other "foreign" water to the natural stream system.

An appropriative right is required for use of water on non-riparian land and for storage of water. Generally, appropriative rights may be exercised only when there is a surplus not needed by riparian water users. Since 1914, new appropriators have been required to obtain a permit and license from the State. Appropriative rights can be granted to waters "foreign" to the natural stream system.

Statements of Water Diversion and Use must be filed by riparian and pre-1914 appropriative water users as set forth in Water Code section 5100 with specific exceptions. The filing of a statement (1) provides a record of water use, (2) enables the State to notify such users if someone proposes a new appropriation upstream from their diversions, and (3) assists the State to determine if additional water is available for future appropriators.

The above discussion is provided for general information. For more specific information concerning water rights, please contact an attorney or write to this office. We have several pamphlets available. They include: (1) Statements of Water Diversion and Use, (2) Information Pertaining to Water Rights in California, and (3) Appropriation of Water in California.

ATTACHMENT TO SUPPLEMENTAL STATEMENT OF WATER DIVERSION
AND USE FOR S. 9453, THE CITY AND COUNTY OF SAN FRANCISCO,
CALAVERAS RESERVOIR, LOCATED IN ALAMEDA COUNTY

Question C:

Amounts include diversions at Upper Alameda Diversion Dam, which are not separately measured. Upper Alameda Diversion Dam is described in a separate Statement.

Question E:

Water from Calaveras Reservoir may be released for direct use within the service area or commingled with water from Hetch Hetchy and re-regulated in the following reservoirs:

San Antonio Reservoir - SE1/4 Sec.22, T4S, R1E, MDB&M

Crystal Springs Reservoir - NW1/4 proj. Sec.1, T5S, R5W, MDB&M

San Andreas Reservoir - SE1/4 proj. Sec.16, T4S, R5W, MDB&M

Question F. 1. a.:

The City and County of San Francisco and thirteen of its 28 customers (the thirteen represent 70% of its wholesale demand) are signatories to the California Urban Water Conservation Council MOU, which requires implementation of fourteen best management practices. The remaining customers implement varying degrees of conservation. The City intends to create a system for documenting wholesale conservation savings in the future.

Memorandum

2007 FEB 28 PM 12:41

Date: **FEB 22 2007**DIVISION OF WATER RIGHTS
SACRAMENTOTo: State Water Resources Control Board
Division of Water Rights
1001 "I" Street
Sacramento, California 95814

From: Department of Water Resources

Subject: Notice of Application Filed

Dam Name: Calaveras Dam Number: 10-000 County: Alameda

An application was filed on February 1, 2007 for approval of plans and specifications for the construction of the Calaveras Dam Replacement Project. The dam, in the SW 1/4 of Sec.13, T. 5 S, R.1 E, Mount Diablo B&M, is situated on the Calaveras Creek, tributary to the Alameda Creek.

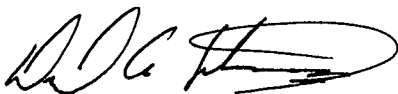
The structure will be a new earth and rockfill dam 210 feet in height with a storage capacity of 96,850 acre-feet at maximum storage level of 756.2 feet (USGS Datum). The estimated construction cost is \$110,600,000. The drainage is 98.4 square miles.

The purpose and use: Storage for municipal, domestic, and irrigation use.

The proposed work includes a new earth and rockfill dam with a concrete lined spillway that has an ungated "L" shape side channel weir discharges into an USBR Type II stilling basin. The new outlet works include a multi-port intake shaft flows to a 72-inch diameter outlet conduit, which will be bifurcated downstream to a 72-inch Fixed Cone Valve and a 44-inch conduit with 1,000 cfs capacity.

Questions regarding the project should be directed to the applicant:

Mr. David K. Rogers, P.E., C.E.G.
Sunol Regional Manager
San Francisco Public Utilities Commission (SFPUC)
1155 Market Street, Sixth Floor
San Francisco, California 94103



David A. Gutierrez, Chief
Division of Safety of Dam
(916) 227-9800



PLANNING DEPARTMENT

City and County of San Francisco • 1660 Mission Street, Suite 500 • San Francisco, California 94103-2414

STATE WATER RESOURCES
CONTROL BOARD

2005 OCT 26 PM 2:26

MAIN NUMBER (415) 558-6378	DIRECTOR'S OFFICE PHONE: 558-6411 4TH FLOOR FAX: 558-6426	ZONING ADMINISTRATOR PHONE: 558-6350 5TH FLOOR FAX: 558-6409	PLANNING INFORMATION PHONE: 558-6377 MAJOR ENVIRONMENTAL FAX: 558-5991	DIV. COMMISSIONER SACRAMENTO PHONE: 558-6422 INTERNET WEB SITE WWW.SFGOV.ORG/PLANNING
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October 24, 2005

To Responsible Agencies, Trustee Agencies, and Interested Parties:

**RE: CASE NO. 2005.0161E – SFPUC CALAVERAS DAM REPLACEMENT PROJECT
NOTICE OF PREPARATION OF AN ENVIRONMENTAL IMPACT REPORT AND
NOTICE OF PUBLIC SCOPING MEETINGS**

A Notice of Preparation (NOP) of an environmental impact report (EIR) pursuant to the California Environmental Quality Act (CEQA) and a Notice of Public Scoping Meetings for the above-referenced project, described below, has been issued by the San Francisco Planning Department. The NOP and Notice of Public Scoping Meetings is either attached or is available upon request from Diana Sokolove, whom you may reach at (415) 558-5971; diana.sokolove@sfgov.org; or at 30 Van Ness Avenue, Suite 4150, San Francisco, CA 94103. The combined NOP/Notice of Public Scoping Meetings will also be available online by October 24, 2005 at http://www.sfgov.org/site/planning_index.asp and www.sfwater.org (click on Projects and Plans, then Calaveras Dam Replacement).

Project Description: Calaveras Reservoir, located on the boundary of Alameda and Santa Clara Counties, approximately 10 miles southeast of Fremont, California, is the largest Bay Area reservoir in the San Francisco Public Utility Commission's regional water system. Calaveras Dam is located at the northern end of the reservoir, approximately one mile upstream from the confluence of Calaveras and Alameda Creeks. Because the dam is located near a seismically active fault zone and was determined to be seismically vulnerable, the California Department of Water Resources, Division of Safety of Dams (DSOD) has limited since 2001 the amount of water that can be stored in the reservoir to approximately 40 percent of its former full storage capacity (full storage capacity is 96,850 acre-feet of water) until the safety deficiencies are corrected. The Calaveras Dam Replacement Project, as proposed by the SFPUC, includes replacement of the existing dam with one of equivalent height, restored reservoir storage to its full design level, improved seismic design, and operation of Calaveras Reservoir to release up to 6,300 acre-feet per year of water for the enhancement of fisheries and the other natural resources of Calaveras and Alameda Creeks.

The new dam would be constructed at the downstream edge of the existing dam, and the existing dam would be used as a cofferdam (a structure to keep water away from a construction site) during construction of the replacement dam. The cofferdam would allow the reservoir to remain in operation up to the DSOD-restricted level during construction. For seismic safety purposes and improved operations and maintenance, the replacement dam would include a new intake tower, as well as a new outlet valve for water releases necessary for environmental purposes.

The San Francisco Planning Department, Major Environmental Analysis (MEA) Division, is preparing an EIR for consideration by decision-makers prior to a final decision by the SFPUC regarding whether to approve and implement the project. The purpose of the EIR is to provide information about potentially significant environmental effects of the proposed project, to identify possible ways to minimize those potentially significant effects, and to describe and evaluate feasible alternatives to the proposed project. Preparation of an NOP or EIR does not indicate a decision by the City to approve or to disapprove the

proposed project. However, prior to making any such decision, the decision makers must review and consider the information contained in the EIR.

The San Francisco Planning Department will hold two **PUBLIC SCOPING MEETINGS** at the places, dates, and times listed below. The purpose of these meetings is to receive oral comments to assist the San Francisco Planning Department in reviewing the scope and content of the project's environmental impact analysis and information to be contained in the EIR. Written comments will also be accepted at these meetings and until the close of business on November 30, 2005. Written comments should be sent to the San Francisco Planning Department, Attn: Paul Maltzer, Environmental Review Officer, Calaveras EIR, 30 Van Ness Avenue, Suite 4150, San Francisco, CA 94103, or provided via email to diana.sokolove@sfgov.org. MEA staff will transmit copies of all documents received during the public comment period to the U.S. Army Corps of Engineers (Corps) as the Corps may evaluate the effects of the proposed project under the National Environmental Policy Act (NEPA).

Scoping Meetings

Fremont

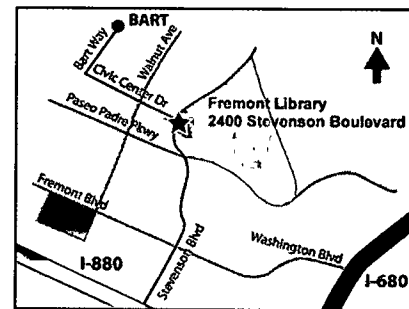
Monday, November 14, 2005, 6:30 p.m. - 8:30 p.m.

Fremont Main Library

2400 Stevenson Boulevard

Fremont, CA

(near Fremont BART station)



San Francisco

Tuesday, November 15, 2005, 6:30 p.m. - 8:30 p.m.

San Francisco State University

425 Market Street, Room 301

San Francisco, CA

(near Embarcadero BART station)



If you work for an agency that is a Responsible or Trustee Agency, we need to know the views of your agency as to the scope and content of the environmental information that is relevant to your agency's statutory responsibilities in connection with the proposed project. Your agency may need to use the EIR when considering a permit or other approval for this project. We will also need the name of the contact person for your agency. If you have questions concerning environmental review of the proposed project under CEQA, please contact Diana Sokolove at (415) 558-5971; if you have questions about NEPA review, please contact Robert Smith at (415) 977-8450.

**NOTICE OF PREPARATION OF AN ENVIRONMENTAL IMPACT REPORT AND
NOTICE OF PUBLIC SCOPING MEETINGS**

Date of this Notice: October 24, 2005

Lead Agency: San Francisco Planning Department
30 Van Ness Avenue, Suite 4150
San Francisco, CA 94103

Agency Contact Person: Diana Sokolove **Email:** diana.sokolove@sfgov.org
Telephone: (415) 558-5971

Project Title: Calaveras Dam Replacement Project

Project Sponsor: San Francisco Public Utilities Commission

Project Contact Person: Betsy Lauppe Rhodes **Email:** BLauppe@sfgwater.org
Telephone: (415) 554-3240

Project Address: Calaveras Dam and Reservoir

Assessor's Block and Lot: Various

County: Alameda and Santa Clara Counties

Project Description: Calaveras Reservoir, located on the boundary of Alameda and Santa Clara Counties, approximately 10 miles southeast of Fremont, California, is the largest Bay Area reservoir in the San Francisco Public Utility Commission's regional water system. Calaveras Dam is located at the northern end of the reservoir, approximately one mile upstream from the confluence of Calaveras and Alameda Creeks. Because the dam is located near a seismically active fault zone and was determined to be seismically vulnerable, the California Department of Water Resources, Division of Safety of Dams (DSOD) has limited since 2001 the amount of water that can be stored in the reservoir to approximately 40 percent of its former full storage capacity (full storage capacity is 96,850 acre-feet of water) until the safety deficiencies are corrected. The Calaveras Dam Replacement Project, as proposed by the SFPUC, includes replacement of the existing dam with one of equivalent height, restored reservoir storage to its full design level, improved seismic design, and operation of Calaveras Reservoir to release up to 6,300 acre-feet per year of water for the enhancement of the fisheries and other natural resources of the Calaveras and Alameda Creeks.

The new dam would be constructed at the downstream edge of the existing dam, and the existing dam would be used as a cofferdam (a structure to keep water away from a construction site) during construction of the replacement dam. The cofferdam would allow the reservoir to remain in operation up to the DSOD-restricted level during construction. For seismic safety purposes and improved operations and maintenance, the replacement dam would include a new intake tower, as well as a new outlet valve for water releases necessary for environmental purposes.

Please see the attached for more information about the proposed project, the scope of the EIR, and the anticipated environmental issues.

THIS PROJECT MAY HAVE A SIGNIFICANT EFFECT ON THE ENVIRONMENT; AN ENVIRONMENTAL IMPACT REPORT IS REQUIRED. This determination is based on the criteria of the Guidelines of the State Secretary for Resources, Section 15064 (Determining Significant Effect), and 15065 (Mandatory Findings of significance).

PUBLIC SCOPING MEETINGS will be held pursuant to the State of California Public Resources Code Section 21083.9 and California Environmental Quality Act Guidelines Section 15206 to receive oral comments concerning the scope of the EIR. Two meetings will be held at different locations: November 14, 2005 in Fremont and November 15, 2005 in San Francisco. Please see the attached for more information.

Written comments on the scope of the EIR will be accepted until the close of business on November 30, 2005. Written comments should be sent to the San Francisco Planning Department, Attn: Paul Maltzer, 30 Van Ness Avenue, Suite 4150, San Francisco, CA 94103 or sent by email to diana.sokolove@sfgov.org.

Documents relating to the proposed project are available for review, by appointment, at the San Francisco Planning Department's Major Environmental Analysis office, 30 Van Ness Avenue, Suite 4150. Please call Diana Sokolove at 415-558-5971 to schedule an appointment.

October 24, 2005
Date

D. Sokolove for Paul Maltzer
Paul E. Maltzer, Environmental Review Officer

中文資料請電：(415) 558-6282

Para sa impormasyon sa Tagalog turnawag sa: (415) 558-6251

Para informacion en Espanol llamar al: (415) 558-6307

SFPUC CALAVERAS DAM REPLACEMENT PROJECT

CASE NO. 2005.0161E

1.0 OVERVIEW

1.1 San Francisco Water System and Calaveras Dam

The City and County of San Francisco, through the San Francisco Public Utilities Commission (SFPUC), owns and operates a regional water system that extends from the Sierra Nevada Mountains to the San Francisco Bay Area, as shown in Figure 1. The regional water system serves 2.4 million people in San Francisco, San Mateo, Santa Clara, Alameda and Tuolumne Counties. The basic network of major facilities in the regional system was built from the late 1880s through the 1930s. Expansion and improvements of the major facilities continued through the 1970s. The Calaveras Dam and Reservoir, located in the East Bay Hills in Alameda and Santa Clara Counties, is part of the San Francisco water system.

Calaveras Reservoir receives runoff from the Calaveras Creek and Arroyo Hondo watersheds (a drainage area of approximately 100 square miles). During the wet season, water from Alameda Creek is diverted into Calaveras Reservoir through the Alameda Creek Diversion Dam and tunnel (see Figure 2). Water from Calaveras Reservoir flows through the Calaveras Pipeline to the Sunol Valley Water Treatment Plant (SVWTP) where it is treated for distribution.

Although the population within the SFPUC service area has steadily grown, ongoing repairs, maintenance, and upgrades have not kept pace with the overall system needs to meet increasing water demand from customers. Aging facilities within the system, some of which made use of now-outdated construction methods and materials, are currently in need of major repair, rehabilitation, upgrade, and/or replacement. In 2001, the California Department of Water Resources, Division of Safety of Dams (DSOD) imposed operating restrictions on Calaveras Dam due to seismic concerns. Until the dam safety deficiencies are corrected, the local storage capacity is reduced and normal system operation is impaired.

The SFPUC developed a regional Water System Improvement Program (WSIP) in February 2005 (see www.sfwater.org). The basic goals of the WSIP are to increase the reliability of the system with respect to water quality, seismic response, water delivery, and water supply to meet water purchase requests in the service area through the year 2030.

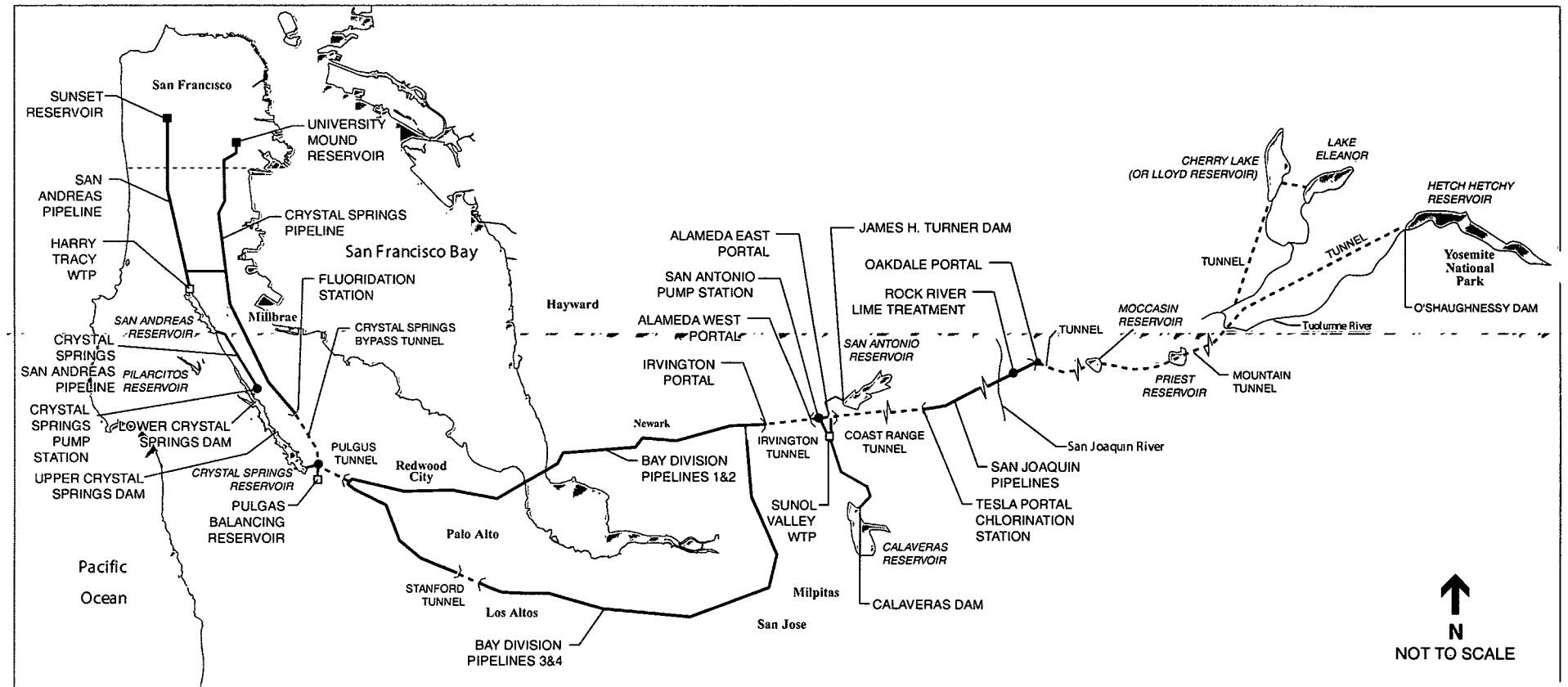
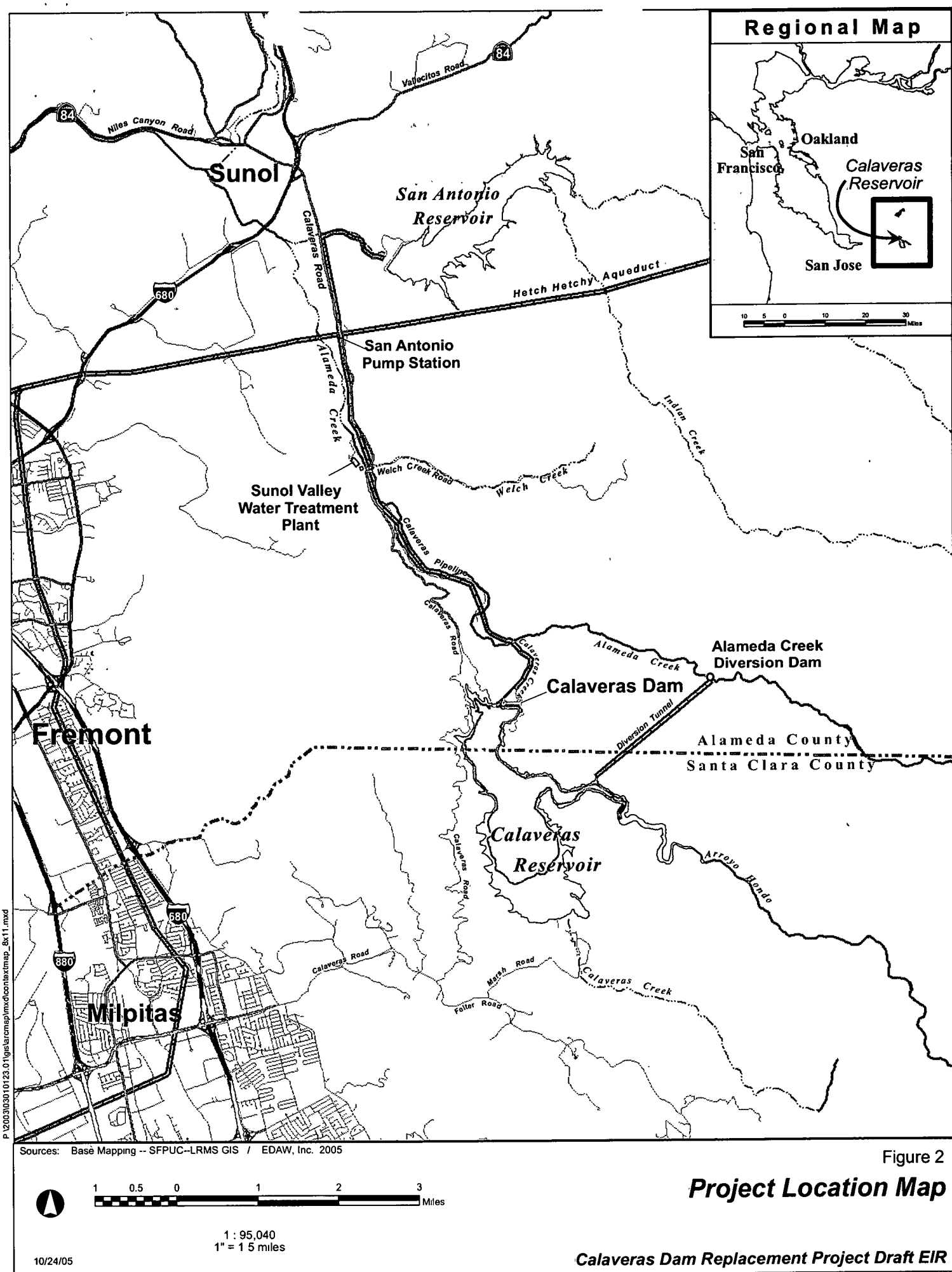


Figure 1
SFPUC Regional Water System

Calaveras Dam Replacement Project Draft EIR

SOURCE: San Francisco Public Utilities Commission (2005)



These goals and objectives provide the basis for a series of facility improvement projects that the SFPUC would implement throughout the regional water system and for the implementation of water supply options to meet future annual water delivery needs during normal (non-drought) years, as well as current and future needs during droughts. Implementation of the Calaveras Dam Replacement Project would help meet the seismic reliability goal of the WSIP and, upon restoration of former water storage capabilities, help meet the delivery and drought reliability goals of the WSIP.

1.2 Environmental Review Process

The San Francisco Planning Department, Major Environmental Analysis (MEA) Division will prepare an Environmental Impact Report (EIR) to evaluate the environmental effects of the proposed Calaveras Dam Replacement Project. The EIR will be a Project EIR as defined in CEQA Guidelines Section 15161, and will address the project-specific impacts of the proposed project related to construction and operation. Early discussions between MEA and San Francisco District, U.S. Army Corps of Engineers (Corps) staff indicate that MEA and the Corps may prepare a joint EIR and National Environmental Policy Act (NEPA) Document. In such a case, the NEPA Document could be an environmental assessment (EA) or an environmental impact statement (EIS). Corps staff will make that decision pending verification of wetland delineations. The balance of this Notice of Preparation (NOP) assumes preparation of a joint EIR/NEPA Document.

The first step in the environmental review process is the formal public scoping process, for which this NOP has been prepared. Following public scoping meetings, a Draft EIR/NEPA Document will be prepared jointly by the Lead Agencies (MEA and the Corps) and circulated for a 45-day public review period. Public comments on the Draft EIR/NEPA Document will be accepted in writing or orally at a formal public hearing to be held by the San Francisco Planning Commission. The Lead Agencies will prepare written responses to comments on environmental issues raised during the public comment period, and a Responses to Comments Document will be prepared. This document will be considered by the Planning Commission, along with the Draft EIR and any revisions to the Draft included in the Responses, for certification as a Final EIR.

1.3 Public Scoping Meetings

The San Francisco Planning Department will hold two public scoping meetings at the following locations, dates, and times:

FREMONT – Monday, November 14, 2005, 6:30 p.m. - 8:30 p.m.

Fremont Main Library
2400 Stevenson Boulevard
Fremont, CA
(near Fremont BART station)

SAN FRANCISCO – Tuesday, November 15, 2005, 6:30 p.m. - 8:30 p.m.

San Francisco State University
425 Market Street, Room 301
San Francisco, CA
(near Embarcadero BART station)

The purpose of these meetings is to assist the Planning Department in reviewing the proposed scope and content of the EIR summarized in this NOP. The public will have the opportunity to comment and offer testimony for consideration. The San Francisco Planning Department will also accept written comments at the meetings or by mail or email until the close of business on November 30, 2005.

2.0 PROJECT DESCRIPTION

The Calaveras Dam Replacement Project has two components: replacement of the existing dam at Calaveras Reservoir to meet seismic safety and delivery/drought reliability requirements, and operation of Calaveras Reservoir to release up to 6,300 acre-feet per year of water to Calaveras and Alameda Creeks for enhancement of fisheries and the other natural resources of the creeks.

Calaveras Reservoir is located on the boundary of Alameda and Santa Clara Counties, approximately 10 miles southeast of Fremont, California (see Figure 2). Calaveras Dam is located at the northern end of the reservoir, approximately one mile upstream from the confluence of Calaveras and Alameda Creeks. Calaveras Reservoir is the largest San Francisco Bay Area (local) reservoir in the SFPUC's regional water system (at its historical storage capacity, Calaveras Reservoir retains approximately 40 percent of the SFPUC's total local water storage). On average, local water storage comprises approximately 15 percent of the SFPUC's total regional system storage, with the balance of storage located in the Sierra Nevada Mountains.

Calaveras Dam and Reservoir, as designed and operated prior to the California Department of Water Resources, Division of Safety of Dams (DSOD) restriction in 2001, allowed for retention of approximately 96,850 acre-feet of local runoff from Alameda, Calaveras, and Arroyo Hondo Creek watersheds. Because the dam is located near a seismically active fault zone and was determined to be vulnerable to strong earthquake ground motion, DSOD currently limits the reservoir water level to a maximum elevation that corresponds to about 38,100 acre-feet of storage, which is approximately 60 percent less than the previous normal maximum water storage capacity.

The proposed project includes a replacement dam that would be built immediately downstream of the existing dam to restore the reservoir's historical capacity of 96,850 acre-feet. The dam would be an earthen dam built to withstand the Maximum Credible Earthquake originating on the Calaveras Fault Zone and to withstand the Probable Maximum Flood. The design of the new dam (with a wide clay core and wide internal filter and drainage system) could accommodate enlargement of the dam in the future. SFPUC does not reasonably foresee the need for a larger dam beyond one that restores the reservoir's historical capacity; the dam would be designed to allow potential future reuse of dam components without requiring otherwise more extensive dam removal and rebuilding if an enlargement were ever undertaken in the future. Any enlargement in the future would require a new CEQA process and approvals of the new project, including but not limited to modification or replacement of the existing operating permit by DSOD and possible additional water rights from the State Water Resources Control Board (SWRCB).

For seismic safety purposes and improved operations and maintenance, the proposed replacement dam would include a new intake tower, as well as a new outlet valve for water releases necessary for environmental purposes. Dam design must be approved by DSOD, and DSOD staff will monitor construction.

The main elements of the proposed project are:

- The earthen dam with robust design (wide centrally located clay core, wide filter and internal drainage),
- An un-gated, curved, open chute spillway with a new stilling basin,
- A new intake tower connecting to an existing drain and three water inlet adits,
- Extension of the outlet pipe connecting to a relocated, fixed cone valve,
- A low volume cone valve for water releases for environmental purposes, and

- Installation of instrumentation such as piezometers and settlement monuments, including accelerometers to measure strong ground motions during earthquakes.

The replacement dam would be an earthen dam, with an impervious clay core, internal transition filter zone and drain, and pervious outer shells. The dam would be 220 feet tall (measured from the bottom of the foundation). The freeboard (vertical distance from the spillway crest to the dam crest, used to prevent overtopping of the dam) would be 21.6 feet. At the top of the dam, the elevation would be 778 feet.¹ The dam would be 1,130 feet long at the crest, 1,100 feet thick at the base, and 76 feet thick at the crest. Total volume of the earthen dam would be approximately 2.3 million cubic yards.

The new dam would be constructed at the downstream edge of the existing dam (see Figures 3 and 4). The existing dam would be used as a cofferdam² during construction of the replacement dam. The cofferdam would allow the reservoir to remain in operation up to the present restricted level and would also provide 100-year flood protection during construction. At the completion of the replacement dam, the cofferdam would be leveled off to an elevation of approximately 705 feet, and would be approximately 50 feet below the water level of the refilled reservoir. The excavated material from the cofferdam would be placed between the downstream slope of the cofferdam and the upstream slope of the replacement dam.

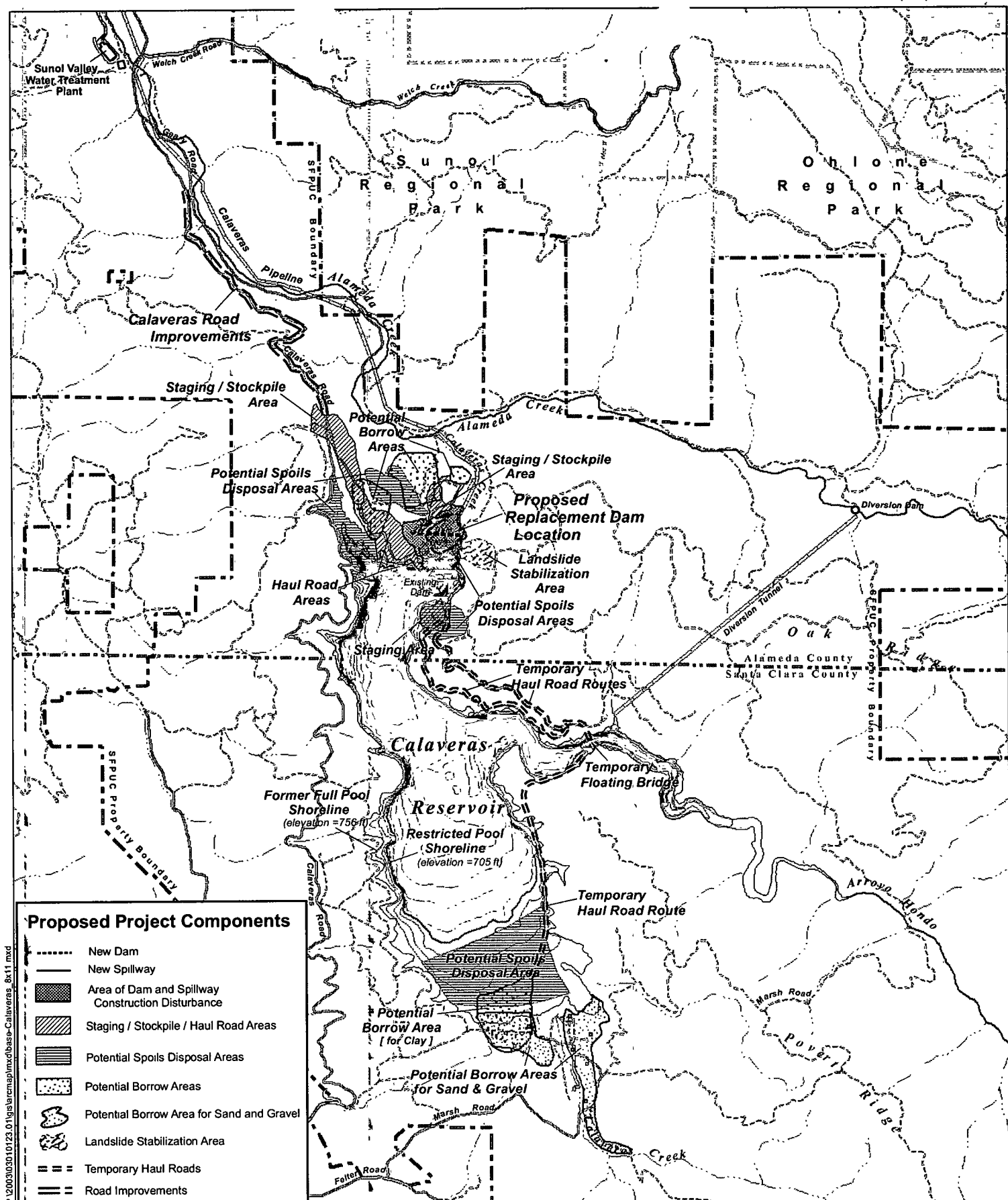
The new spillway would be located at the western end (left abutment) of the dam and would curve to the east to minimize rock excavation of the existing hillside. The spillway would be a rectangular, concrete-lined channel, 120 feet wide at the crest and 1,350 feet in length (including the stilling basin).

A new intake tower would be constructed on the existing outlet conduit approximately 60 feet downstream of the existing tower. The structure would consist of a circular reinforced concrete tower about 20 feet in diameter, connected to the shore by a bridge. The outlet piping, valves, and fish screens would all be new.

In addition to the spillway, there would be three means of releasing water from the dam: (1) an outlet conduit (existing Calaveras Pipeline) that would convey releases to the SVWTP, (2) a conduit that would discharge water to the spillway stilling basin below the dam and eventually to Calaveras Creek through a

¹ NGVD 1929 Datum. A datum is a line, point, or surface (such as sea level) used as a reference for elevation.

² A cofferdam is a temporary structure to keep water away from a construction site.



Sources: Base Mapping -- SFPUC-LRMS GIS / Project Components -- URS 2005 / EDAA, Inc. 2005
Elevations based on USGS Vertical Datum (NGVD 1929)

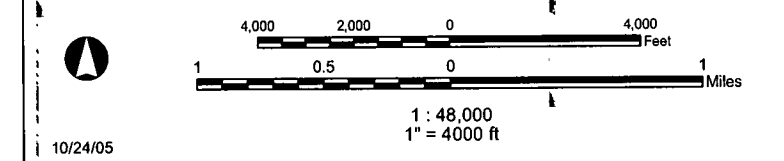
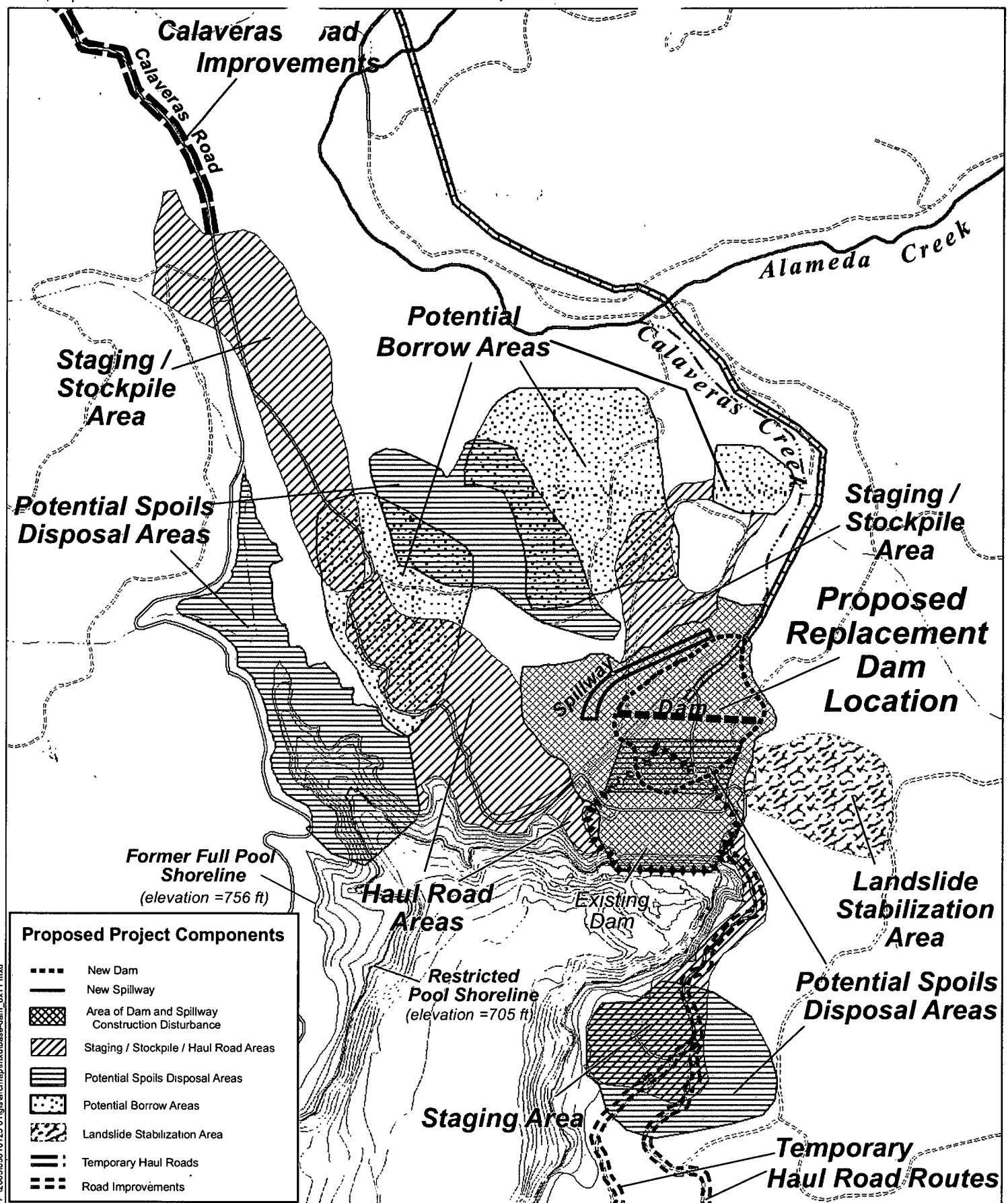


Figure 3

Proposed Project Components

Calaveras Dam Replacement Project Draft EIR



Sources: Base Mapping -- SFPUC--LRMS GIS / Aerial Image (if shown) -- HJW 2001 / Project Components -- URS 2005 / EDAW, Inc 2005
Elevations based on USGS Vertical Datum (NGVD 1929)



1,000 500 0 1,000
Feet

1 : 12,000
1" = 1000 ft

10/24/05

Figure 4

Dam Construction Area

Calaveras Dam Replacement Project Draft EIR

72-inch diameter cone valve, and (3) a new 12-inch diameter pipe that would be connected to the 72-inch diameter outlet pipe through Calaveras Dam. Under a 1997 Memorandum of Understanding (MOU) with the California Department of Fish and Game (CDFG), the SFPUC is required to release up to 6,300 acre-feet per year of water from Calaveras Reservoir to Calaveras Creek. SFPUC would use this 12-inch diameter pipe to release water for this purpose.

Much of the material needed to construct the earthfill dam would be obtained from the required excavation of the new spillway and borrow areas in the vicinity of the reservoir (see Figure 3). Three potential borrow areas are located in the hills on the west side of Calaveras Creek, adjacent to and below the existing dam. Another potential borrow area is located at the south end of the reservoir. Sand and gravel for filters and drains would be imported from commercial sources or they could potentially be obtained from deposits in the vicinity of the southern borrow area. Three staging areas would be used for stockpiling of materials in the vicinity of the dam site. These staging areas would also be used for office trailers, site soils testing laboratory, and equipment and maintenance yards. A haul road would be constructed from the southern borrow area to the dam site as shown in Figure 3. The haul road would be located on the east shore of the reservoir. A portion of the haul road would incorporate existing roads that could be graded for this use. A temporary floating bridge would be placed across Arroyo Hondo Creek to move equipment across the creek.

Construction is planned to begin in the first quarter of 2009 and end in the fourth quarter of 2011.

Project Approvals

Following completion of environmental review, the San Francisco Public Utilities Commission would hold a public hearing to consider approval of the proposed project. Approvals would also be required from:

- United States Army Corps of Engineers
- California Department of Water Resources, Division of Safety of Dams
- California Department of Fish and Game

Review of the proposed project would also be conducted by the United States Environmental Protection Agency, United States Fish and Wildlife Service, State Office of Historic Preservation, the San Francisco Bay Regional Water Quality Control Board, San Francisco Bay Area Air Quality Management District, and National Marine Fisheries Service.

3.0 POTENTIAL ENVIRONMENTAL EFFECTS

3.1 Key Environmental Issues

The following key environmental issues will be analyzed in the EIR/NEPA Document.

Biological Resources

Construction of the project could impact sensitive biological resources. Sensitive habitat types and special status species that would be most likely to be affected by potential habitat losses and disturbance are: sycamore alluvial woodland, Calliope silverspot butterfly habitat, bay checkerspot butterfly habitat, rainbow trout, Sacramento perch, Pacific lamprey, California red-legged frog, foothill yellow-legged frog, California tiger salamander, Alameda whipsnake, most beautiful jewel flower, Cooper's hawk, Townsend's western big-eared bat, golden eagle, great blue heron, sharp-shinned hawk, and western pond turtle. The California red-legged frog, California tiger salamander, and the Alameda whipsnake are listed as "threatened" under the federal Endangered Species Act. The National Marine Fisheries Service (NMFS) has proposed the rainbow trout population in the Calaveras Reservoir watershed for listing as "threatened" under the federal Endangered Species Act. In addition, there are 26 federally or state-listed "species of concern" that have the potential to occur in the project area. Potential impacts to sensitive biological resources also include disturbance or temporary removal of aquatic habitats, such as wetlands and riparian areas.

Cultural Resources

Sensitive cultural resources that could be affected by the project include historical and prehistoric features that are protected by federal and state laws. A number of known cultural resource sites are recorded in the project area. Observations of prehistoric resources were documented during construction of the existing dam. Impacts would also involve the built environment, as features associated with the 1920s-era Calaveras Dam and appurtenant facilities would be demolished or substantially altered.

Water Quality

Potential water quality impacts caused by construction of the project could include:

- Increased sedimentation in Calaveras Creek upstream of the reservoir by use of a potential borrow area in close proximity to the creek,
- Increased sedimentation in Calaveras Reservoir through construction activities, and
- Increased sedimentation in Calaveras and Alameda Creeks downstream of the new dam from various construction activities.

Traffic and Transportation

Traffic disruption along Calaveras Road would occur during construction. Much of Calaveras Road is one lane and experiences a low volume of traffic. Recreational bicycle traffic also uses the roadway. The section of Calaveras Road between Felter Road and Geary Road would likely be used as a major hauling route for imported materials used in dam construction. For safety reasons, this section would need to be closed to the public for the duration of construction. The road would remain open to emergency vehicles. The section of Calaveras Road north of Geary Road would remain open during construction and there would be public safety concern during periods of heavy hauling, which may include large volumes of haul trucks depending on the extent of off-site materials required for construction.

Other Environmental Issues

Other topics that will be addressed in detail in the EIR/NEPA document include visual impacts associated with the new dam, geology and seismicity risks associated with dam construction and operation, noise and air quality emissions during construction, hazards associated with accidental spills of hazardous substances into the reservoir and/or local creeks and potential contaminants encountered during construction, cumulative impacts that could occur from this project in combination with other projects planned in the area, and growth-inducing impacts associated with restoring the reservoir's historical water storage capacity. Where impacts would be significant, the EIR/NEPA document will identify and discuss feasible mitigation measures.

3.2 Alternatives

CEQA and NEPA require that an EIR or a NEPA Document evaluate a reasonable range of feasible alternatives to the project, or to the location of the project, that would attain most of the basic project objectives, but that could avoid or substantially lessen any of the significant effects of the project. In addition to the No Project alternative required by both NEPA and CEQA, the EIR/NEPA Document will evaluate an alternative type of dam in the proposed new location (i.e., one that would not be designed with a wide core that could accommodate enlargement of the dam in the future, if ever needed). It is anticipated that the scoping process may identify other alternative approaches to avoid potentially significant impacts of the proposed project.

Chw/HW/SJW

ELLISON, SCHNEIDER & HARRIS L.L.P.

CHRISTOPHER T ELLISON
ANNE J. SCHNEIDER
JEFFERY D. HARRIS
DOUGLAS K. KERNER
ROBERT E. DONLAN
ANDREW B. BROWN
MARGARET G. LEAVITT, OF COUNSEL

ATTORNEYS AT LAW
2015 H STREET
SACRAMENTO, CALIFORNIA 95814-3109
TELEPHONE (916) 447-2166 FAX (916) 447-3512

LYNN M. HAUG
PETER J. KIEL
CHRISTOPHER M. SANDERS
JONATHAN R. SCHUTZ
GREGGORY L. WHEATLAND

FILE S009453

September 19, 2005

Susan Wilson
SWRCB
P.O. Box 100
Sacramento, CA 95812

STATE WATER RESOURCES
CONTROL BOARD
2005 SEP 21 PM 2:10
DIV. OF WATER RIGHTS
SACRAMENTO

Re: Statement of Water Diversion and Use 9453

Dear Susan:

Because you mentioned that the SWRCB file for S. 9453 has not been located, enclosed is my copy of the Board file regarding S.9453. These documents, in addition to the supplemental statements I filed today, will complete the file for S.9453.

Please call me if you have any questions. Thank you.

Sincerely,

Patty

Patty Slomski, Paralegal

cc: Margaret Leavitt

STATE OF CALIFORNIA

STATE WATER RESOURCES CONTROL BOARD
DIVISION OF WATER RIGHTS
STATEMENT OF WATER DIVERSION AND USE

S9453

This statement should be typewritten or legibly written in ink.

City and County of San Francisco/
Water DepartmentA. Name of person diverting water
Address 425 Mason St., San Francisco, Ca. 94102 Telephone: (415) 558-3616B. Name of body of water at point of diversion Calaveras Creek
Tributary to Alameda CreekC. Place of diversion S 1/4 W 1/4 Section 13, Township 5-S, Range 1-E, N D B&M,
Alameda County, or locate it on sketch of section grid on reverse side with regard to section lines or prominent local landmarks.D. Name of works Calaveras DamE. Capacity of diversion works 78 MGD cubic feet per second
Capacity of storage reservoir 96,820 Acre-Feet gallons per minute
State quantity of water used each month in gallons or acre-feet

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total Annual
1976	1704	170	27	2254	1946	1991	1,096	68	0	1	6	0	9,263 MG
1975	41	0	91	893	1102	50	0	76	828	1160	2164	1961	8,366 MG
1974	1501	1410	1515	1725	2361	2269	920	78	0	0	0	624	12,403 MG*

Maximum annual water use in recent years *1973 16,557 MG gallonsMinimum annual water use in recent years 34 MG Jan. thru Sept. 1977 acre-feetType of diversion facility: gravity X, pump _____ gallonsMethod of measurement: weir _____, flume _____, electric power meter _____, water meter X, estimate _____F. Purpose of use (what water is being used for) Municipal water supply for San Francisco and part of San Mateo, Santa Clara, and Alameda CountiesG. General description or location of place of use (use sketch of section grid on reverse side if you desire)
See enclosed map of service area.H. Year of first use as nearly as known 1920 (first used by predecessor, Spring Valley Water Company)I. Name of person filing statement Kenneth R. Royd
Position General Manager Organization San Francisco Water Department
Address 425 Mason Street, San Francisco, Ca. 94102 Telephone: (415) 558-3616I declare under penalty of perjury that the above is true and correct to the best of my knowledge and belief.
DATED: October 26, 1977, at San Francisco, CaliforniaSignature: Kenneth R. Royd

See Instructions on Reverse Side

*YEAR'S reservoir storage reduced to facilitate strengthening of dam.

The location of the diversion point and the place of use may be sketched on this section grid. If it is used, please enter the section(s), township and range below and show any streams or other landmarks that will assist in identifying the area.

N

W

Section(s) _____

Township _____, Range _____, B&M _____

INSTRUCTIONS:

A separate statement should be filed for each point of diversion.

A duplicate copy will be returned for your file.

Please send the completed statement to: **STATE WATER RESOURCES CONTROL BOARD**

Division of Water Rights

2125 - 19th Street

Sacramento, California 95818

Telephone: (916) 445-0000

WHERE CONTAINED

CH. 100, CODE OF REG. 1.100, 1.200

1.100, 1.200, 1.300, 1.400, 1.500, 1.600, 1.700, 1.800, 1.900, 2.000

1.100, 1.200, 1.300, 1.400, 1.500, 1.600, 1.700, 1.800, 1.900, 2.000

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1.100, 1.200, 1.300, 1.400, 1.500, 1.600, 1.700, 1.800, 1.900, 2.000

RECEIVED
 DIVISION OF WATER RIGHTS
 SACRAMENTO, CALIFORNIA
 JAN 12 1977
 2498

SERVICE INCLUDED TO (OUTSIDE OF PARK AREA),
 COASTSIDE CO. WATER DIST. AT HALFMOON BAY,
 ATOMCIG PLANT AT LIVERMORE;
 RECLAIMED TIDELANDS ADJOINING PARK AREA

SERVICE

WATERSHED
 MOUNTAIN

SAN FR

WATI

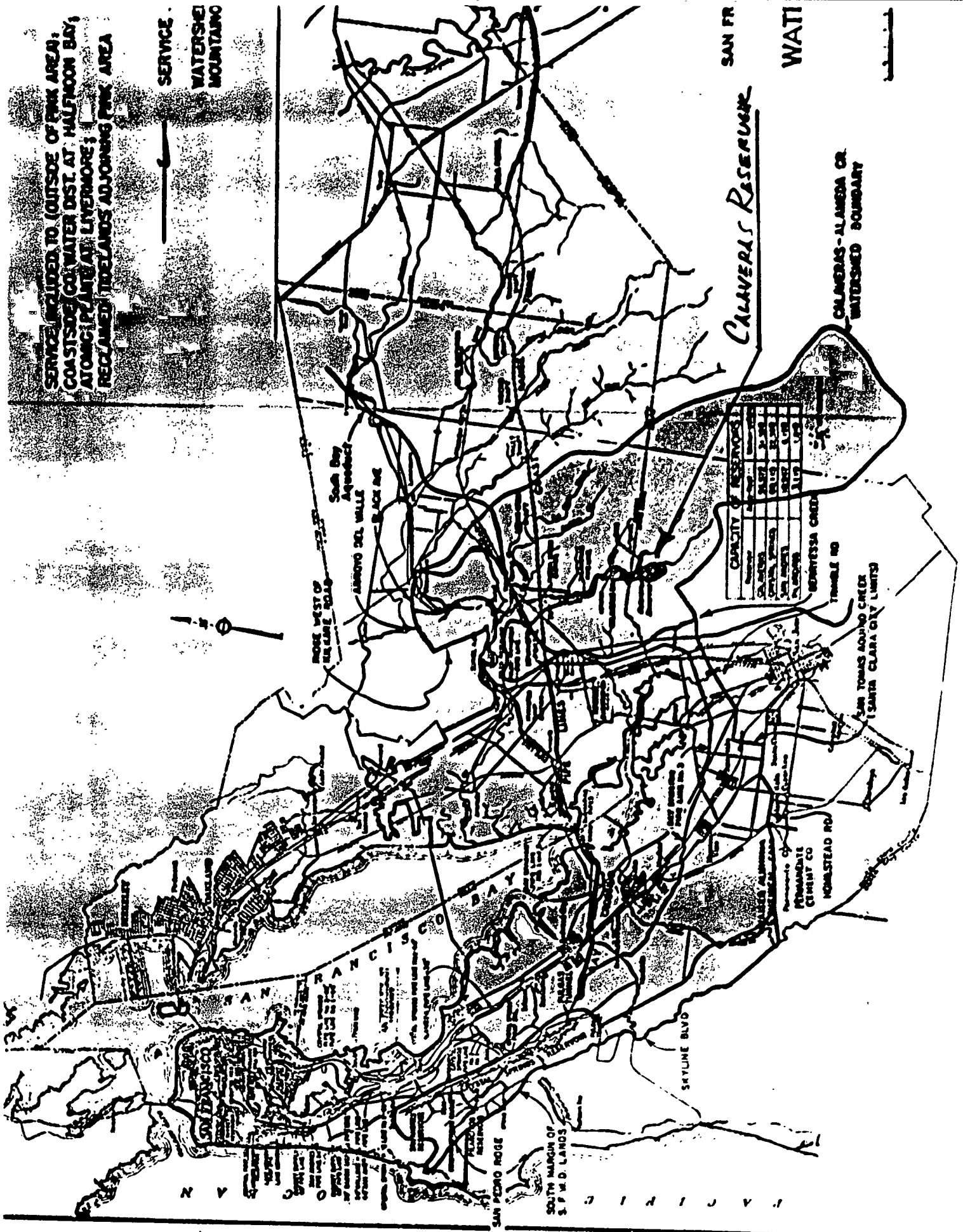
Calaveras Reservoir

CALVERAS-ALAMEDA CR.
 WATERSHED BOUNDARY

CAPACITY OF RESERVOIR	
Volume	Capacity
Calaveras	24,000
Alameda	21,000
City of Alameda	21,000
San Jose	1,000
Placerville	1,000
San Francisco	1,000

CONTRIBUTING CATCHMENT

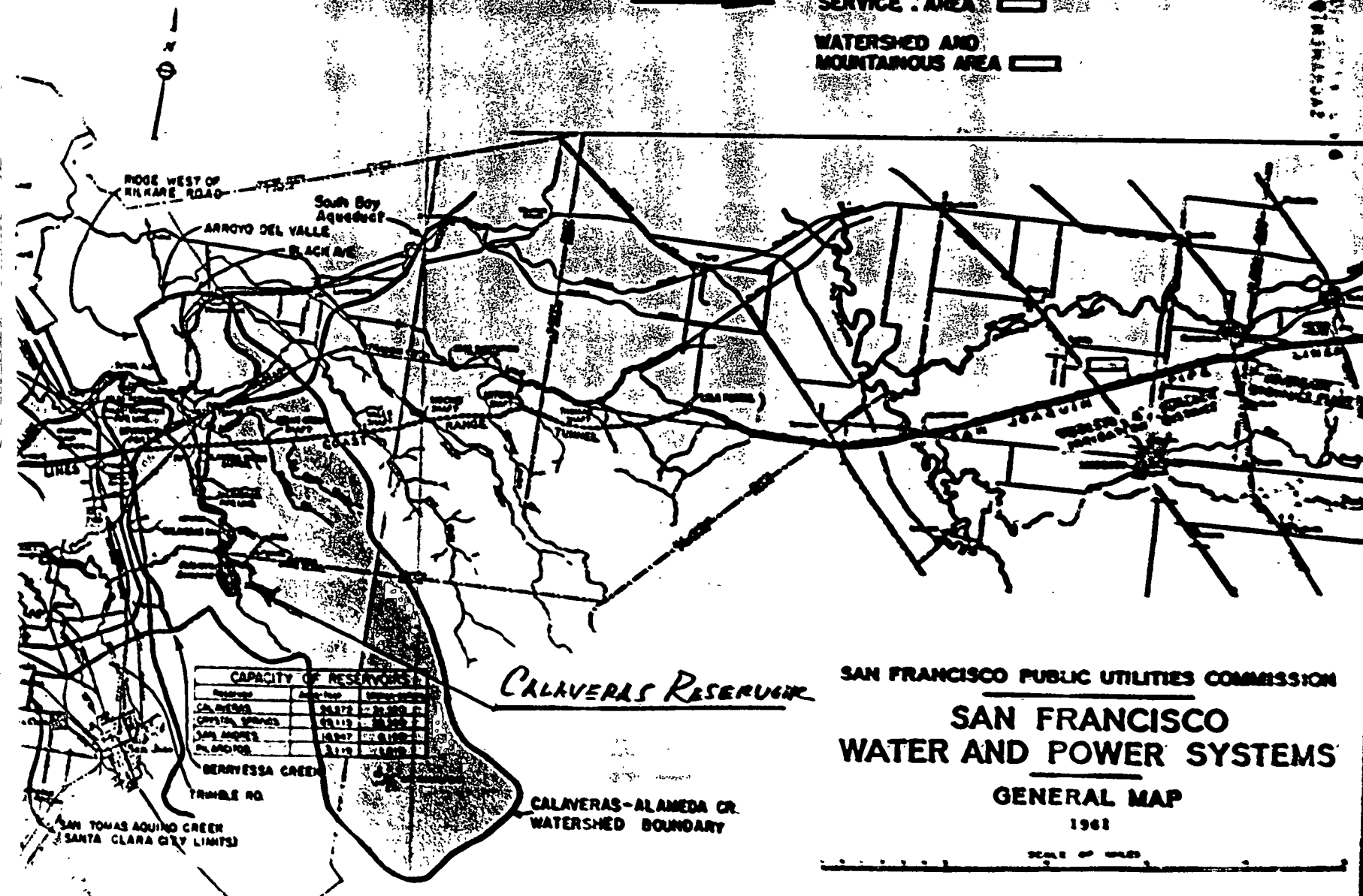
SAN TOMAS AQUINO CREEK
 SANTA CLARA CITY LIMITS



SERVICE INCLUDED TO (OUTSIDE OF PINK AREA):
 COASTSIDE CO. WATER DIST. AT HALFMOON BAY;
 ATOMIC PLANT AT LIVERMORE;
 RECLAIMED TIDELANDS ADJOINING PINK AREA

SERVICE AREA 

WATERSHED AND
 MOUNTAINOUS AREA 



CAPACITY OF RESERVOIRS

Reservoir	Capacity	Volume
Calaveras	25,000	25,000
Berryessa	10,000	10,000
San Tomas Aquino	15,000	15,000
San Joaquin	10,000	10,000

Calaveras Reservoir

SAN FRANCISCO PUBLIC UTILITIES COMMISSION
**SAN FRANCISCO
 WATER AND POWER SYSTEMS**
 GENERAL MAP
 1961



SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE

9453

Please complete items A, B, C, and I (if applicable). The other items need not be completed unless there has been a change since the previous report.

NO. _____

A. Name of person diverting water: San Francisco Water Department
Address 425 Mason ST.
San Francisco, CA. 94101 Telephone (415) 558-3610

Name and address of person filing supplemental statement if different from above:

Ray Quan

Name and address of owner of project if different from above:

-

Planning & Resources

San Francisco Water

B. Name of body of water at point of diversion Calaveras Creek
Tributary to Alameda Creek

C. State quantity of water used each month in gallons ☒ or acre-feet ☒ (Check units reported or show other here Million-) Gallons
Year Jan. Feb. Mar. Apr. May June July Aug. Sept. Oct. Nov. Dec. Total Annual
1977 : 44.8 : 40.3 : 44.5 : 43.2 : 43.8 : 38.4 : 39.8 : 39.7 : 38.4 : 39.7 : 95.8 : 68.9 : 577.5
1978 : 45 : 45 : 45 : 45 : 45 : 45 : 47.6 : 37.8 : 77.7 : 68.4 : 221.9 : 924.8 : 548.2
1979 : 52.3 : 51.7 : 38.0 : 35.4 : 72.8 : 30.7 : 24.8 : 31.0 : 24.7 : 6.9 : 3.6 : (25) : 397.0

If monthly and annual use are not known, check months in which water was used. State extent of use in units, such as acres of each crop irrigated, average number of persons served, number of stock watered, etc.

D. Place of diversion SW 1/4 - 1/4 Section 13, Township 58, Range 1E, Mt. D BLM

E. Name of works Calaveras Dam, Calaveras Crk. tributary Alameda Crk.

F. Capacity of diversion works 22,000 cubic feet per second
Capacity of storage reservoir 96,850 acre-feet

Type of diversion facility: gravity ☒, pump _____

Method of measurement: weir ☒, flume _____, electric power meter _____, water meter _____, estimate _____

G. Purpose of use (what water is being used for) Domestic

H. General description or location of place of use San Francisco Bay Area

I. If water reclaimed by sewage treatment facilities or polluted water not normally considered usable has been substituted in whole or in part for water previously diverted by the works described in this statement, please state quantities of water substituted in gallons or acre-feet.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total Annual
1977	:	:	:	:	:	:	:	:	:	:	:	:	:
1978	:	:	:	:	:	:	:	:	:	:	:	:	:
1979	:	:	:	:	:	:	:	:	:	:	:	:	:

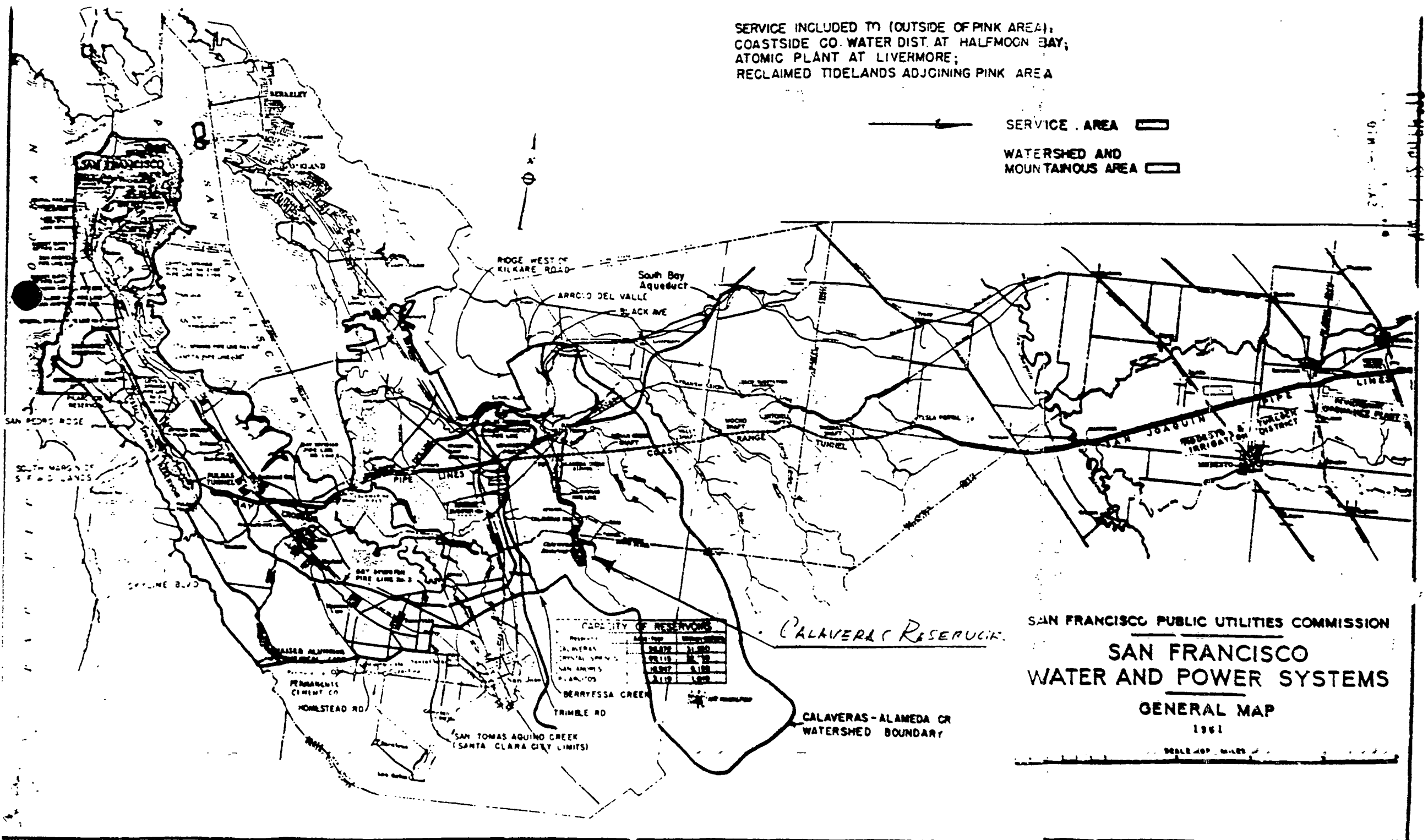
I declare under penalty of perjury that the above is true and correct to the best of my knowledge and belief.

DATED: 12/10, 1979, at S.F., California

() = Estimate

Signature: Ray Quan

~~_____~~ SERVICE AREA ☐
WATERSHED AND MOUNTAINOUS AREA ☐



CAPACITY OF RESERVOIRS		
Reservoir	Area (sq)	Volume (cubic ft)
LA MERIA	16,472	21,250
INTERNAL SPACES	9,119	22,750
NEW BATHS	10,917	3,100
P.L.B.L.T.O.S	2,119	1,000

CALVERT RESERVOIR.

CALAVERAS - ALAMEDA CR
WATERSHED BOUNDARY

SAN FRANCISCO PUBLIC UTILITIES COMMISSION
SAN FRANCISCO
WATER AND POWER SYSTEMS
GENERAL MAP
1961

DEAR JOP - M.L.B.



**PUBLIC UTILITIES COMMISSION
CITY AND COUNTY OF SAN FRANCISCO**

DIANNE FEINSTEIN, Mayor
RICHARD SKLAR, General Manager

UTILITIES ENGINEERING BUREAU

ORAL MOORE, Chief Engineer and Deputy General Manager

SAN FRANCISCO
MUNICIPAL RAILWAY

HETCH HETCHY
WATER AND POWER

SAN FRANCISCO
WATER DEPARTMENT

April 16, 1981

**Subject: Hetch Hetchy Water and Power
Calaveras Reservoir
Low Head Hydroelectric
Plant - Request for
Guidelines Ruling**

California State Water Resources Control Board
Division of Water Quality
P. O. Box 100
Sacramento, California 95801

Gentlemen:

We are presently preparing a plan to construct a low head hydroelectric plant adjacent to an existing energy dissipator, below the existing Calaveras Reservoir, approximately 600 feet downstream from the reservoir.

The proposed project will utilize the available head between the reservoir and the energy dissipator. The power plant will consist of a new concrete structure, approximately 20 X 30 X 15 feet high, a new above ground penstock, 36 inches in diameter, approximately 40 feet long which will be tapped off from the existing 44-inch above ground pipeline upstream of the energy dissipator and a new pole line from the power plant to the existing Pacific Gas and Electric Company's pole line. The plant discharge line and the tailrace will be connected to the existing outlet structure from the energy dissipator and from that point will flow into the existing pipeline down to Sunol Filter Plant. The proposed size of the plant is approximately 800 kilowatts.

Currently, the public does not have access to the area which is also away from public view. An existing road which is used by the operating personnel is already in the area and no new road construction is necessary.

Calaveras Reservoir is owned and operated by the City and County of San Francisco. The proposed site is located in Alameda County.

We are requesting your Department to determine if the proposed project meets with your guidelines. Your comments are most welcome in order for us to comply with the Federal and State guidelines.

693 Vermont Street - San Francisco, California 94107 (415) 358-2284

California State Water Resources Control Board

April 16, 1981

Enclosed is a map showing the general location of the proposed project.

If you have any questions, please call Pete Paraguya of this office on (415) 824-2404.

Very truly yours,



P. J. PHILLIPS
Principal Engineer

PTP:gc

cc: OLMoore
BMCoffey
PJPhillips
FHaaskjeld
PTParaguya
File

PTP



**PUBLIC UTILITIES COMMISSION
CITY AND COUNTY OF SAN FRANCISCO**

DIANNE FEINSTEIN, Mayor
RICHARD SKLAR, General Manager

UTILITIES ENGINEERING BUREAU
ORAL MOORE, Chief Engineer and Deputy General Manager

SAN FRANCISCO
MUNICIPAL RAILWAY
HETCH HETCHY
WATER AND POWER
SAN FRANCISCO
WATER DEPARTMENT

July 30, 1981

**Subject: Calaveras Reservoir Low Head Hydroelectric
Plant - Request for Guidelines Ruling**

California State Water Resources
Control Board
Division of Water Quality
P. O. Box 100
Sacramento, California 95801

Gentlemen:

Attached is a photocopy of our letter to you dated April 16, 1981.
As of this date, we have not received any reply from you.

May we please have an answer to this letter.

Very truly yours,

P. T. MATSUMURA
Manager
Engineering Services Division

Enc.

RECEIVED
AUG 6 1981
DIVISION OF WATER QUALITY

*Not rec'd?
by DIV. OF W.R.*

693 Vermont Street, San Francisco, California 94107 (415) 558-2282

Division of Water Rights

77 CADILLAC DRIVE, SACRAMENTO, CALIFORNIA 95826

(916) 924-2448

SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE

9453

IVEREER OF RECORD:

STATEMENT NO: 000543

CITY AND COUNTY OF SAN FRANCISCO
WATER DEPARTMENT
425 MASON STREET
SAN FRANCISCO, CA 94102

TELEPHONE NUMBER:
() -

IF NAME/ADDRESS/PHONE NO. IS WRONG OR MISSING, PLEASE CORRECT.

SOURCE: UNNAMED STREAM

*this # was transposed
on supplemental
statement*

TRIBUTARY TO: COTTON CREEK

COUNTY: MARIPOSA

DIVERSION

WITHIN: 1/4 OF NE1/4 SECTION 10, T4S, R16E, MDD&M.

INSTRUCTIONS: Please complete Items A, B and C. Item D should be completed if you replaced
or part of your regular water supply with reclaimed or polluted water. Return one copy
form by July 1, 1981 (Additional information on reverse side of this form.)

DIVISION OF WATER RIGHTS

Subject _____

Date AUGUST 23, 1931 Time 2P

Personal ☐ , Where _____

Telephone ☒ Number (115) 552-2232

Individual(s)/Agency Contacted Mr. Paul Matsumura of City & County of San

San Francisco Public Utilities Commission

Conversation Description. Utilities Engineering Bureau.

I telephoned Mr. Paul Natsumura regarding his letter Dated July 30, 1981.

(which was rec'd by Water Quality on Aug 6 and rec'd here on Aug 18, 1981)

enclosing a copy of the April 16, 1981 letter from P.J. Phillips.

The following points were made:

1. CCSFUC is now aware that correspondence regarding water rights should be sent to this office and not to the Division of Water Quality.
2. Mr. Matsumura said that construction of Calaveras Dam was commenced in 1913. According to Statement 9453, the first use of water from Calaveras Reservoir was made in 1920.
3. CCSF should file an application to cover use of water from Calaveras Reservoir for generation of Hydro-electric power.
4. All the water stored in Calaveras Reservoir is from its watershed. The proposed Hydro-Electric project would be from Calaveras outlet pipe.
5. I told him I would write a letter confirming our discussion.

Aspen Music

(916) 924-2456

SEP 2 1981

In Reply Refer
to: 321:AAC:266.0

P. J. Matsumura, Manager
Engineering Services Division
Utilities Engineering Bureau
City and County of San Francisco
693 Vermont Street
San Francisco, CA 94107

*2/2/81
San Francisco
City & County of
CALAVERAS RES
POWER PLANT
ALAMEDA CO*

Dear Mr. Matsumura:

CALAVERAS RESERVOIR IN ALAMEDA COUNTY

This will confirm your August 23, 1981 telephone conversation with Mr. A. A. Chesler of our staff. On August 18, 1981, we received your July 30, 1981 letter enclosing a copy of your April 15, 1981 letter. You had misssent the April 15, 1981 letter to the Division of Water Quality and we had never received it. You should address all correspondence regarding water right matters to the Division of Water Rights.

You said that construction of Calaveras Dam was commenced in 1913. We also understand that use of water commenced in 1920.

In 1872, a permissive procedure for posting a notice of appropriation at the proposed point of diversion was provided by Sections 1410 through 1422 of the Civil Code. The priority of an appropriator who did not comply with the Civil Code procedure did not attach until water was beneficially used. If the City and County of San Francisco does not have a valid right to store water in Calaveras Reservoir, it should file an application with this office to initiate an appropriative right to cover that storage and use of water.

The City and County of San Francisco should apparently file an application to appropriate unappropriated water covering water use at the proposed hydroelectric power plant located below and near Calaveras Dam. Forms for that purpose are enclosed.

Sincerely,

Original signed by

David S. Holtry
Senior Engineer
Application Unit

Enclosure

AACHesler:neo'brien

9-1-81

SURNAME	<i>Chesler</i> 9-2-81	<i>Holtry</i>		
DATE: 9-2-81				

CONTACT REPORT**DIVISION OF WATER RIGHTS**

STATE WATER RESOURCES CONTROL BOARD

Subject S-9453CALAVARAS RESERVOIRDivision Personnel J O'HAGANDate 1-19-92Time 2:30Personal ☐

Where _____

Telephone ☐

Number _____

Individual(s)/Agency Contacted RAY QUANSAN FRANCISCO WATERDEPARTMENT

Conversation Description Mr. Quan called for information about any
water right that covers their Calaveras Reservoir in Alameda Creek

STRESS RIE MDDM, is wanted to be sure of an existing right that
covers their storage of water. IF he received assurance, the S.F
Water Department was possibly going to protest the upstream reservoir
being built for which a notice was received.

I informed Mr. Quan that our records showed no confirming
Post-1914 Appropriative Rights which cover any storage right at
Calaveras Reservoir. I informed him that the only records
kept for this reservoir was Statement 9453 and that our office
could not confirm the basis of this statement. Confirmation
of this statement is their responsibility and if ever questioned
would have to be proven by a court.

Mr. Quan then stated that it would probably be better
if San Francisco Water Dept. did not protest any new Applications
on Alameda Creek.

I made no further comments regarding this statement.

Decision(s) _____

Action Items No Action

SURNAME	<u>John O'Hagan</u>			
---------	---------------------	--	--	--

STATE WATER RESOURCES CONTROL BOARD

DIVISION OF WATER RIGHTS

3225 10TH STREET

SACRAMENTO, CALIFORNIA 95816

(916) 445-0846



In Reply Refer
To: **321:AFB:9453**

November 9, 1977

City and County of San Francisco Water Dept.
425 Mason Street
San Francisco, CA 94102

Statement of Water Diversion
and Use - No. 9453

Your statement of water diversion and use has been received and assigned the above number. You should refer to this number in any correspondence to this office regarding the statement.

A duplicate copy of the statement is enclosed for your records.

Please notify us of any change in address or change in ownership.

The law requires that supplemental statements be submitted at three-year intervals, and we will send you the necessary forms when they become due.

L. C. Spencer

L. C. Spencer
Supervising Engineer

Enclosure

SWRCB 40e (12/74)

(916) 324-2448
SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE

DIVERTER OF RECORD:

STATEMENT NO: 009453

CITY & COUNTY OF SAN FRANCISCO
WATER DEPARTMENT
225 MASON ST
SAN FRANCISCO, CALIF 94102

TELEPHONE NUMBER:
(415) 558-3610

IF NAME/ADDRESS/PHONE NO. IS WRONG OR MISSING, PLEASE CORRECT.

SOURCE: CALAVERAS CREEK

TRIBUTARY TO: ALAMEDA CREEK

COUNTY: ALAMEDA

DIVERSION

WITHIN: 1/4 OF 1/4 SECTION 13, T05S, R01E, MDBM.

INSTRUCTIONS: Please complete Items A, B and C. Item D should be completed if you replaced all or part of your regular water supply with reclaimed or polluted water. Return one copy of this form by July 1, 1983. (Additional information on reverse side of this form.)

A. Amount of Use - Fill in the amount of water used each month. If monthly and annual use are not known, check the months in which water was used.

Amounts below are: ☐ Gallons
☐ Acre-feet
☒ Million Gallons (other)

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total Annual
1980	1,887	3,050	1,130	843	678	343	113	69	76	157	77	79	8,482
1981	49	72	25	30	38	110	116	116	120	15	8	8	517
1982	25	129	1,916	3,507	176	81	70	94	296	23	17	20	6,414

B. Purpose of Use - Specify number of acres irrigated, stock watered, persons served, etc.

Irrigation _____

Stockwatering _____

Domestic 678,000

Other (specify) _____

C. Changes in Method of Diversion - Describe any changes in your project since your previous statement was filed. (New pump, enlarged diversion dam, location of diversion, etc.)

NONE

D. If part of the water listed in Part A consists of reclaimed or polluted water, please indicate the annual amounts of reclaimed or polluted water in the space below.

I declare under penalty of perjury that the information in this report is true to the best of my knowledge and belief.

DATED: 3/31, 1983, at S.F., California

Signature: R.F. [Signature]

Division of Water Rights

3 BOX 2000 SACRAMENTO, CA 95810
801 P ST. SACRAMENTO, CA
(916) 322-4603

SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE

DIVERTER OF RECORD:

STATEMENT NO: 009453

CITY & COUNTY OF SAN FRANCISCO
WATER DEPARTMENT
425 MASON ST
SAN FRANCISCO, CA 94101

TELEPHONE NUMBER:
(415) 558-3410

IF NAME/ADDRESS/PHONE NO. IS WRONG OR MISSING, PLEASE CORRECT.

SOURCE: CALAVERAS CREEK

TRIBUTARY TO: ALAMEDA CREEK

COUNTY: ALAMEDA

DIVERSION

WITHIN: 1/4 OF 1/4 SECTION 13, T05S, R01E, M08W.

INSTRUCTIONS: Please complete Items A, B and C. Item D should be completed if you replaced all or part of your regular water supply with reclaimed or polluted water. RETURN THIS FORM BY JULY 1, 1986. (Additional information on reverse side of this form.)

A. Amount of Use - Fill in the amount of water used each month. If monthly and annual use are not known, check the months in which water was used.

Amounts ☐ Gallons
below are: ☐ Acre-feet
☒ Million Gallons (other)

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total Annual
1983	1,007	12,747	13,767	2,510	1,607	12	17	13	12	13	12	13	31,730
1984	13	12	13	12	13	12	13	13	12	13	12	13	151
1985	13	12	13	12	13	18	22	18	20	18	18	4	181

B. Purpose of Use - Specify number of acres irrigated, stock watered, persons served, etc.

Irrigation _____

Stockwatering _____

Domestic 678,000

Other (specify) _____

C. Changes in Method of Diversion - Describe any changes in your project since your previous statement was filed. (New pump, enlarged diversion dam, location of diversion, etc.)

NONE

D. If part of the water listed in Part A consists of reclaimed or polluted water, please indicate the annual amounts of reclaimed or polluted water in the space below.

I declare under penalty of perjury that the information in this report is true to the best of my knowledge and belief.

DATED: 2/10 19 86 at San Francisco, California

Signature: R. F. Quinn, Sr. Eng.

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL
Division of Water Rights

P.O. BOX 2000 SACRAMENTO CA 95810
901 P ST. SACRAMENTO, CA
95811-3224803

(415) 324-5670
ANNUAL STATEMENT OF WATER DIVERSION AND USE

DIVERTER OF RECORD:

DEC 15 1988

STATEMENT NO: 009453

CITY & COUNTY OF SAN FRANCISCO
WATER DEPARTMENT
425 MASON ST
SAN FRANCISCO, CA 94101 91102

TELEPHONE NUMBER:
(415) 888-2610
923-216

IF NAME/ADDRESS/PHONE NO. IS WRONG OR MISSING, PLEASE CORRECT.

SOURCE: CALAVERAS CREEK

TRIBUTARY TO: ALAMEDA CREEK

COUNTY: ALAMEDA

DIVERSION

WITHIN: 1/4 JP 1/4 SECTION 13, T05S, R01E, M04N.

INSTRUCTIONS: Please complete items A, B and C. Item D should be completed if you replaced all or part of your regular water supply with reclaimed or polluted water. RETURN THIS FORM BY JULY 1, 1989. (Additional information on reverse side of this form.)

A. Amount of Use - Fill in the amount of water used each month. If monthly and annual use are not known, check the months in which water was used.

Amounts below are: ☐ Gallons ☒ Acre-feet ☐ (other)

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total Annual
1986	1320	2023	4230	4765	3141	2091	3030	5894	6232	2557	4393	3825	43501
1987	6026	4298	1925	2634	0	12	3051	0	181	2063	1028	245	21467
1988	0	0	0	0	0	2192	731	193	0	531	1075	150	4872

B. Purpose of Use - Specify number of acres irrigated, stock watered, persons served, etc.

Irrigation _____

Stockwatering _____

Domestic Part of supply for a population of approximately 2.1 million

Other (specify) _____

C. Changes in Method of Diversion - Describe any changes in your project since your previous statement was filed. (New pump, enlarged diversion dam, location of diversion, etc.)

None

D. If part of the water listed in Part A consists of reclaimed or polluted water, indicate the annual amounts of reclaimed or polluted water in the space below.

None

I declare under penalty of perjury that the information in this report is true to the best of my knowledge and belief.

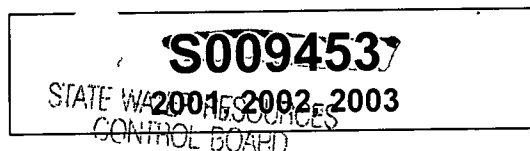
DATED: April 6, 1989 at San Francisco

Signature: _____

James H. Crowley

DIV OF WATER RIGHTS
SACRAMENTO
2005 SEP 21 PM 2:10

STATE WATER RESOURCES
CONTROL BOARD



SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE

If the information below is inaccurate, please line it out in red and provide current information.
Notify this office if ownership or address changes occur during the coming year.

Please Complete and Return This Form by JULY 1, 2005

2005 SEP 19 PM 1:03

DIV. OF WATER RIGHTS
SACRAMENTO

Owner of Record: CITY & COUNTY OF SAN FRANCISCO

PRIMARY CONTACT OR AGENT FOR MAIL & REPORTING

CITY & COUNTY OF SAN FRANCISCO
C/O MICHAEL CARLIN, ASST GEN MGR, WTR
1155 MARKET STREET, 11TH FLOOR
SAN FRANCISCO, CA 94102 94103

STATEMENT NO.:
CONTACT PHONE NO.:

S009453

Source Name: CALAVERAS CREEK
Tributary To: ALAMEDA CREEK
County: ALAMEDA
Diversion Within: S ¼ OF W ¼ Section 13, T05S, R01E, MDB&M

Year of First Use: 1920 1916
Parcel Number:

- A. **Water is Used Under:** Riparian claim _____ Pre-1914 right ☒ Other (explain): _____
- B. **Year of First Use:** (Please provide if missing above) _____
- C. **Amount of Use:** Enter the amount (or the approximate amount) of water used each month, using the table below. See Attachment A.

Amounts below are in: Gallons				Million Gallons (MG)				X	Acre-feet (AF)				Other		Total Annual
Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec			
2001	1670.1	84.1	654.8	159.6	1387.5	2598.2	2802.5	1672.7	1053.0	222.5	29.4	1521.6	13,856.0		
2002	682.0	645.7	777.2	589.0	521.5	0	0	0	59.6	1114.9	551.6	127.9	5,069.4		
2003	1999.1	2094.9	1444.3	325.5	725.45	676.8	595.1	567.5	451.7	222.3	143.8	490.2	9,736.5		

- D. **Purpose of Use** – Specify number of acres irrigated, stock watered, persons served, etc.

Irrigation _____ acres; Stockwatering _____; Domestic _____

Other (specify) Municipal and Industrial Use in the San Francisco Bay Area service area

- E. **Changes in Method of Diversion** – Describe any changes in your project since your previous statement was filed.
(New pump, enlarged diversion dam, location of diversion, etc.) See Attachment A.

- F. Please answer only those questions below which are applicable to your project.

1. Conservation of water

- a. Are you now employing water conservation efforts? YES ☒ NO _____
Describe any water conservation efforts you have initiated: See Attachment A.

- b. If you are claiming credit for water conservation under section 1011 of the Water Code for your claimed pre-1914 appropriative right, please show the amount of water conserved:

Reduction in Diversions:

Year _____ (AF/MG) Year _____ (AF/MG) Year _____ (AF/MG)

Reduction in consumptive use:

Year _____ (AF/MG) Year _____ (AF/MG) Year _____ (AF/MG)

I have data to support the above surface water use reductions due to conservation efforts. YES _____ NO _____

2. Water quality and wastewater reclamation

- a. Are you now or have you been using reclaimed water from a wastewater treatment facility, desalination facility or water polluted by waste to a degree which unreasonably affects such water for other beneficial uses? YES ____ NO X ____
- b. If you are claiming credit due to the substitution of reclaimed water, desalinated water or polluted water in lieu of a claimed pre-1914 appropriative right under section 1010 of the Water Code, please show amounts of reduced diversions and amounts of substitute water supply used:

Amount of reduced diversion:

Year ____ (AF/MG) Year ____ (AF/MG) Year ____ (AF/MG)

State the type of substitute water supply: _____

Amount of substitute water supply used:

Year ____ (AF/MG) Year ____ (AF/MG) Year ____ (AF/MG)

I have data to support the above surface water use reductions due to the use of a substitute water supply. YES ____ NO ____

3. Conjunctive use of surface water and groundwater

- a. Are you now using groundwater in lieu of surface water? YES ____ NO X ____
- b. If you are claiming credit due to the substitution of groundwater for a claimed pre-1914 appropriative right under section 1011.5 of the Water Code, please show the amounts of groundwater used:

Year ____ (AF/MG) Year ____ (AF/MG) Year ____ (AF/MG)

I have data to support the above surface water use reductions due to the use of groundwater. YES ____ NO ____

I understand that it may be necessary to document the water savings claimed in "F" above if credit under Water Code sections 1010 and 1011 is sought in the future.

I declare that the information in this report is true to the best of my knowledge and belief.

DATE: 13 September 2005 at San Francisco, California

SIGNATURE: Michael D. Carlin

PRINTED NAME: MICHAEL CARLIN
(first name) (middle initial) (last name)

COMPANY NAME: CITY AND COUNTY OF SAN FRANCISCO

If there is insufficient space for your answers, please use the space provided below.

ITEM	CONTINUATION
<u>C</u>	<u>Due to concerns over the seismic stability of Calaveras Dam, the Calif. Dep't of Water Resources,</u>
<u> </u>	<u>Division of Safety of Dams (DSOD), by letter dated September 25, 2001, limited storage in Calaveras</u>
<u> </u>	<u>Reservoir to Elevation 700 feet (USGS Datum). DSOD approved an operating increase to Elevation</u>
<u> </u>	<u>705 feet on February 20, 2003. The CCSF has been diligently pursuing construction of a replacement dam.</u>

GENERAL INFORMATION PERTAINING TO WATER RIGHTS IN CALIFORNIA

There are two principal types of surface water rights in California. They are riparian and appropriative rights.

A riparian right enables an owner of land bordering a natural lake or stream to take and use water on his riparian land. Riparian land must be in the same watershed as the water source and must never have been severed from the sources of supply by an intervening parcel without reservation of the riparian right to the severed parcel. Generally, a riparian water user must share the water supply with other riparian users. Riparian rights may be used to divert the natural flow of a stream but may not be used to store water for later use or to divert water which originates in a different watershed, water previously stored by others, return flows from use of groundwater, or other "foreign" water to the natural stream system.

An appropriative right is required for use of water on non-riparian land and for storage of water. Generally, appropriative rights may be exercised only when there is a surplus not needed by riparian water users. Since 1914, new appropriators have been required to obtain a permit and license from the State. Appropriative rights can be granted to waters "foreign" to the natural stream system.

Statements of Water Diversion and Use must be filed by riparian and pre-1914 appropriative water users as set forth in Water Code section 5100 with specific exceptions. The filing of a statement (1) provides a record of water use, (2) enables the State to notify such users if someone proposes a new appropriation upstream from their diversions, and (3) assists the State to determine if additional water is available for future appropriators.

The above discussion is provided for general information. For more specific information concerning water rights, please contact an attorney or write to this office. We have several pamphlets available. They include: (1) Statements of Water Diversion and Use, (2) Information Pertaining to Water Rights in California, and (3) Appropriation of Water in California.

ATTACHMENT TO SUPPLEMENTAL STATEMENT OF WATER DIVERSION
AND USE FOR S. 9453, THE CITY AND COUNTY OF SAN FRANCISCO,
CALAVERAS RESERVOIR, LOCATED IN ALAMEDA COUNTY

Question C:

Amounts include diversions at Upper Alameda Diversion Dam, which are not separately measured. Upper Alameda Diversion Dam is described in a separate Statement.

Question E:

Water from Calaveras Reservoir may be released for direct use within the service area or commingled with water from Hetch Hetchy and re-regulated in the following reservoirs:

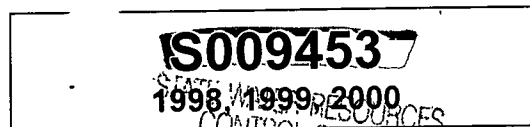
San Antonio Reservoir - SE1/4 Sec.22, T4S, R1E, MDB&M

Crystal Springs Reservoir - NW1/4 proj. Sec.1, T5S, R5W, MDB&M

San Andreas Reservoir - SE1/4 proj. Sec.16, T4S, R5W, MDB&M

Question F. 1. a.:

The City and County of San Francisco and thirteen of its 28 customers (the thirteen represent 70% of its wholesale demand) are signatories to the California Urban Water Conservation Council MOU, which requires implementation of fourteen best management practices. The remaining customers implement varying degrees of conservation. The City intends to create a system for documenting wholesale conservation savings in the future.



SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE

If the information below is inaccurate, please line it out in red and provide current information.
Notify this office if ownership or address changes occur during the coming year.

Please Complete and Return This Form by JULY 1, 2005

Owner of Record: CITY & COUNTY OF SAN FRANCISCO

2005 SEP 19 PM 1:03

DIV. OF WATER RIGHTS
SACRAMENTO

PRIMARY CONTACT OR AGENT FOR MAIL & REPORTING

CITY & COUNTY OF SAN FRANCISCO
C/O MICHAEL CARLIN, ASST GEN MGR, WTR
1155 MARKET STREET, 11TH FLOOR
SAN FRANCISCO, CA 94102 94103

STATEMENT NO.: S009453
CONTACT PHONE NO.:

Source Name: CALAVERAS CREEK
Tributary To: ALAMEDA CREEK
County: ALAMEDA
Diversion Within: S ¼ OF W ¼ Section 13, T05S, R01E, MDB&M

Year of First Use: 1920 1916
Parcel Number:

A. **Water is Used Under:** Riparian claim _____ Pre-1914 right X Other (explain): _____

B. **Year of First Use:** (Please provide if missing above) _____

C. **Amount of Use:** Enter the amount (or the approximate amount) of water used each month, using the table below. See Attachment A.

Amounts below are in: Gallons			Million Gallons (MG)				X	Acre-feet (AF)			Other		
Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total Annual
1998	383.1	551.0	1762.3	1876.4	677.9	1526.3	2128.0	1933.0	1112.7	907.4	703.8	697.0	14,258.8
1999	1048.8	751.9	1070.2	1170.5	323.0	172.6	1184.9	1360.8	986.2	1511.0	1925.4	1170.3	12,675.6
2000	90.5	44.8	1126.0	1843.5	1160.4	1515.3	1522.5	1699.4	1337.4	167.9	501.2	728.4	11,737.4

D. **Purpose of Use** – Specify number of acres irrigated, stock watered, persons served, etc.

Irrigation _____ acres; Stockwatering _____; Domestic _____

Other (specify) Municipal and Industrial Use in the San Francisco Bay Area service area

E. **Changes in Method of Diversion** – Describe any changes in your project since your previous statement was filed.
(New pump, enlarged diversion dam, location of diversion, etc.) See Attachment A.

F. Please answer only those questions below which are applicable to your project.

1. Conservation of water

a. Are you now employing water conservation efforts? YES X NO _____
Describe any water conservation efforts you have initiated: See Attachment A.

b. If you are claiming credit for water conservation under section 1011 of the Water Code for your claimed pre-1914 appropriative right, please show the amount of water conserved:

Reduction in Diversions:

Year _____ (AF/MG) Year _____ (AF/MG) Year _____ (AF/MG)

Reduction in consumptive use:

Year _____ (AF/MG) Year _____ (AF/MG) Year _____ (AF/MG)

I have data to support the above surface water use reductions due to conservation efforts. YES _____ NO _____

2. Water quality and wastewater reclamation

- a. Are you now or have you been using reclaimed water from a wastewater treatment facility, desalination facility or water polluted by waste to a degree which unreasonably affects such water for other beneficial uses? YES _____ NO X_____.
- b. If you are claiming credit due to the substitution of reclaimed water, desalinated water or polluted water in lieu of a claimed pre-1914 appropriative right under section 1010 of the Water Code, please show amounts of reduced diversions and amounts of substitute water supply used:

Amount of reduced diversion:

Year _____ (AF/MG) Year _____ (AF/MG) Year _____ (AF/MG)

State the type of substitute water supply: _____

Amount of substitute water supply used:

Year _____ (AF/MG) Year _____ (AF/MG) Year _____ (AF/MG)

I have data to support the above surface water use reductions due to the use of a substitute water supply. YES _____ NO _____.

3. Conjunctive use of surface water and groundwater

- a. Are you now using groundwater in lieu of surface water? YES _____ NO X_____.
- b. If you are claiming credit due to the substitution of groundwater for a claimed pre-1914 appropriative right under section 1011.5 of the Water Code, please show the amounts of groundwater used:

Year _____ (AF/MG) Year _____ (AF/MG) Year _____ (AF/MG)

I have data to support the above surface water use reductions due to the use of groundwater. YES _____ NO _____.

I understand that it may be necessary to document the water savings claimed in "F" above if credit under Water Code sections 1010 and 1011 is sought in the future.

I declare that the information in this report is true to the best of my knowledge and belief.

DATE: 13 September, 2005 at San Francisco, California

SIGNATURE: Michael Carlin

PRINTED NAME: MICHAEL CARLIN
(first name) (middle initial) (last name)

COMPANY NAME: CITY AND COUNTY OF SAN FRANCISCO

If there is insufficient space for your answers, please use the space provided below.

ITEM	CONTINUATION
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

GENERAL INFORMATION PERTAINING TO WATER RIGHTS IN CALIFORNIA

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Statements of Water Diversion and Use must be filed by riparian and pre-1914 appropriative water users as set forth in Water Code section 5100 with specific exceptions. The filing of a statement (1) provides a record of water use, (2) enables the State to notify such users if someone proposes a new appropriation upstream from their diversions, and (3) assists the State to determine if additional water is available for future appropriators.

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ATTACHMENT TO SUPPLEMENTAL STATEMENT OF WATER DIVERSION
AND USE FOR S. 9453, THE CITY AND COUNTY OF SAN FRANCISCO,
CALAVERAS RESERVOIR, LOCATED IN ALAMEDA COUNTY

Question C:

Amounts include diversions at Upper Alameda Diversion Dam, which are not separately measured. Upper Alameda Diversion Dam is described in a separate Statement.

Question E:

Water from Calaveras Reservoir may be released for direct use within the service area or commingled with water from Hetch Hetchy and re-regulated in the following reservoirs:

San Antonio Reservoir - SE1/4 Sec.22, T4S, R1E, MDB&M

Crystal Springs Reservoir - NW1/4 proj. Sec.1, T5S, R5W, MDB&M

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The City and County of San Francisco and thirteen of its 28 customers (the thirteen represent 70% of its wholesale demand) are signatories to the California Urban Water Conservation Council MOU, which requires implementation of fourteen best management practices. The remaining customers implement varying degrees of conservation. The City intends to create a system for documenting wholesale conservation savings in the future.

S009453
1995, 1996, 1997
DIVISION OF WATER RESOURCES
CONTROL BOARD

SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE
If the information below is inaccurate, please line it out in red and provide current information.
Notify this office if ownership or address changes occur during the coming year.

Please Complete and Return This Form by JULY 1, 2005

Owner of Record: CITY & COUNTY OF SAN FRANCISCO

2005 SEP 19 PM 1:03

DIV. OF WATER RIGHTS
SACRAMENTO

PRIMARY CONTACT OR AGENT FOR MAIL & REPORTING

CITY & COUNTY OF SAN FRANCISCO
C/O MICHAEL CARLIN, ASST GEN MGR, WTR
1155 MARKET STREET, 11TH FLOOR
SAN FRANCISCO, CA 94102 94103

STATEMENT NO.:

S009453

CONTACT PHONE NO.:

Source Name: CALAVERAS CREEK
Tributary To: ALAMEDA CREEK
County: ALAMEDA
Diversion Within: S ¼ OF W ¼ Section 13, T05S, R01E, MDB&M

Year of First Use: 1920 1916

Parcel Number:

- A. **Water is Used Under:** Riparian claim _____ Pre-1914 right X Other (explain): _____
- B. **Year of First Use:** (Please provide if missing above) _____
- C. **Amount of Use:** Enter the amount (or the approximate amount) of water used each month, using the table below. See Attachment A.

Amounts below are in: Gallons			Million Gallons (MG)			Acre-feet (AF)			Other				
Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total Annual
1995	721.4	2025.0	2303.8	572.9	59.4	726.4	1536.1	1234.7	634.2	208.0	892.7	1036.4	11,951.0
1996	825.5	754.1	1298.3	922.0	787.1	1061.5	1230.2	2015.5	846.1	1129.5	1493.5	1175.9	13,539.2
1997	2420.0	704.3	101.2	1325.7	966.9	23.0	641.5	1714.1	661.4	1180.5	886.5	1173.2	11,798.2

- D. **Purpose of Use** – Specify number of acres irrigated, stock watered, persons served, etc.

Irrigation _____ acres; Stockwatering _____; Domestic _____

Other (specify) Municipal and Industrial Use in the San Francisco Bay Area service area

- E. **Changes in Method of Diversion** – Describe any changes in your project since your previous statement was filed.
(New pump, enlarged diversion dam, location of diversion, etc.) See Attachment A.

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- a. Are you now employing water conservation efforts? YES X NO _____

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Reduction in Diversions:

Year _____ (AF/MG) Year _____ (AF/MG) Year _____ (AF/MG)

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Year _____ (AF/MG) Year _____ (AF/MG) Year _____ (AF/MG)

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Amount of reduced diversion:
Year ____ (AF/MG) Year ____ (AF/MG) Year ____ (AF/MG)

State the type of substitute water supply: _____

Amount of substitute water supply used:
Year ____ (AF/MG) Year ____ (AF/MG) Year ____ (AF/MG)

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- b. If you are claiming credit due to the substitution of groundwater for a claimed pre-1914 appropriative right under section 1011.5 of the Water Code, please show the amounts of groundwater used:

Year ____ (AF/MG) Year ____ (AF/MG) Year ____ (AF/MG)

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I understand that it may be necessary to document the water savings claimed in "F" above if credit under Water Code sections 1010 and 1011 is sought in the future.

I declare that the information in this report is true to the best of my knowledge and belief.

DATE: 13 September, 2005 at San Francisco, California

SIGNATURE: Michael Carlin

PRINTED NAME: MICHAEL CARLIN
(first name) (middle initial) (last name)

COMPANY NAME: CITY AND COUNTY OF SAN FRANCISCO

If there is insufficient space for your answers, please use the space provided below.

ITEM	CONTINUATION
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

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AND USE FOR S. 9453, THE CITY AND COUNTY OF SAN FRANCISCO,
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Question E:

Water from Calaveras Reservoir may be released for direct use within the service area or commingled with water from Hetch Hetchy and re-regulated in the following reservoirs:

San Antonio Reservoir - SE1/4 Sec.22, T4S, R1E, MDB&M

Crystal Springs Reservoir - NW1/4 proj. Sec.1, T5S, R5W, MDB&M

San Andreas Reservoir - SE1/4 proj. Sec.16, T4S, R5W, MDB&M

Question F. 1. a.:

The City and County of San Francisco and thirteen of its 28 customers (the thirteen represent 70% of its wholesale demand) are signatories to the California Urban Water Conservation Council MOU, which requires implementation of fourteen best management practices. The remaining customers implement varying degrees of conservation. The City intends to create a system for documenting wholesale conservation savings in the future.

S009453
1992, 1993, 1994
STATE WATER RESOURCES
CONTROL BOARD

2005 SEP 19 PM 1:03

DIV. OF WATER RIGHTS
SACRAMENTO

SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE

If the information below is inaccurate, please line it out in red and provide current information.
Notify this office if ownership or address changes occur during the coming year.

Please Complete and Return This Form by JULY 1, 2005

Owner of Record: CITY & COUNTY OF SAN FRANCISCO

PRIMARY CONTACT OR AGENT FOR MAIL & REPORTING

CITY & COUNTY OF SAN FRANCISCO
C/O MICHAEL CARLIN, ASST GEN MGR, WTR
1155 MARKET STREET, 11TH FLOOR
SAN FRANCISCO, CA 94102-94103

STATEMENT NO.:

S009453

CONTACT PHONE NO.:

Source Name: CALAVERAS CREEK
Tributary To: ALAMEDA CREEK
County: ALAMEDA
Diversion Within: S ¼ OF W ¼ Section 13, T05S, R01E, MDB&M

Year of First Use: 1920 1916

Parcel Number:

A. **Water is Used Under:** Riparian claim _____ Pre-1914 right ☒ Other (explain): _____

B. **Year of First Use:** (Please provide if missing above) _____

C. **Amount of Use:** Enter the amount (or the approximate amount) of water used each month, using the table below. See Attachment A.

Amounts below are in: Gallons			Million Gallons (MG)				X	Acre-feet (AF)			Other			
Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Total Annual	
1992	0	0	0	70.5	0	0	0	0	0	0	0	0	70.5	
1993	163.0	0	211.8	170.0	47.8	617.1	1097.0	645.9	38.4	381.2	1398	1326.0	6,096.1	
1994	1454.0	570.0	534.0	569.5	975.9	1078.1	350.0	1163.3	545.2	614.6	1163.9	187.4	9,205.8	

D. **Purpose of Use** – Specify number of acres irrigated, stock watered, persons served, etc.

Irrigation _____ acres; Stockwatering _____ Domestic _____

Other (specify) Municipal and Industrial Use in the San Francisco Bay Area service area

E. **Changes in Method of Diversion** – Describe any changes in your project since your previous statement was filed.
(New pump, enlarged diversion dam, location of diversion, etc.) See Attachment A.

F. Please answer only those questions below which are applicable to your project.

1. Conservation of water

a. Are you now employing water conservation efforts? YES ☒ NO _____
Describe any water conservation efforts you have initiated: See Attachment A.

b. If you are claiming credit for water conservation under section 1011 of the Water Code for your claimed pre-1914 appropriative right, please show the amount of water conserved:

Reduction in Diversions:

Year _____ (AF/MG) Year _____ (AF/MG) Year _____ (AF/MG)

Reduction in consumptive use:

Year _____ (AF/MG) Year _____ (AF/MG) Year _____ (AF/MG)

I have data to support the above surface water use reductions due to conservation efforts. YES _____ NO _____

2. Water quality and wastewater reclamation

- a. Are you now or have you been using reclaimed water from a wastewater treatment facility, desalination facility or water polluted by waste to a degree which unreasonably affects such water for other beneficial uses? YES ____ NO ☒ ____
- b. If you are claiming credit due to the substitution of reclaimed water, desalinated water or polluted water in lieu of a claimed pre-1914 appropriative right under section 1010 of the Water Code, please show amounts of reduced diversions and amounts of substitute water supply used:

Amount of reduced diversion:
Year ____ (AF/MG) Year ____ (AF/MG) Year ____ (AF/MG)

State the type of substitute water supply: _____

Amount of substitute water supply used:
Year ____ (AF/MG) Year ____ (AF/MG) Year ____ (AF/MG)

I have data to support the above surface water use reductions due to the use of a substitute water supply. YES ____ NO ____

3. Conjunctive use of surface water and groundwater

- a. Are you now using groundwater in lieu of surface water? YES ____ NO ☒ ____
- b. If you are claiming credit due to the substitution of groundwater for a claimed pre-1914 appropriative right under section 1011.5 of the Water Code, please show the amounts of groundwater used:

Year ____ (AF/MG) Year ____ (AF/MG) Year ____ (AF/MG)

I have data to support the above surface water use reductions due to the use of groundwater. YES ____ NO ____

I understand that it may be necessary to document the water savings claimed in "F" above if credit under Water Code sections 1010 and 1011 is sought in the future.

I declare that the information in this report is true to the best of my knowledge and belief.

DATE: 13 September, 2005 at San Francisco, California

SIGNATURE: Michael Carl

PRINTED NAME: MICHAEL CARLIN
(first name) (middle initial) (last name)

COMPANY NAME: CITY AND COUNTY OF SAN FRANCISCO

If there is insufficient space for your answers, please use the space provided below.

ITEM	CONTINUATION
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

GENERAL INFORMATION PERTAINING TO WATER RIGHTS IN CALIFORNIA
There are two principal types of surface water rights in California. They are riparian and appropriative rights.

A riparian right enables an owner of land bordering a natural lake or stream to take and use water on his riparian land. Riparian land must be in the same watershed as the water source and must never have been severed from the sources of supply by an intervening parcel without reservation of the riparian right to the severed parcel. Generally, a riparian water user must share the water supply with other riparian users. Riparian rights may be used to divert the natural flow of a stream but may not be used to store water for later use or to divert water which originates in a different watershed, water previously stored by others, return flows from use of groundwater, or other "foreign" water to the natural stream system.

An appropriative right is required for use of water on non-riparian land and for storage of water. Generally, appropriative rights may be exercised only when there is a surplus not needed by riparian water users. Since 1914, new appropriators have been required to obtain a permit and license from the State. Appropriative rights can be granted to waters "foreign" to the natural stream system.

Statements of Water Diversion and Use must be filed by riparian and pre-1914 appropriative water users as set forth in Water Code section 5100 with specific exceptions. The filing of a statement (1) provides a record of water use, (2) enables the State to notify such users if someone proposes a new appropriation upstream from their diversions, and (3) assists the State to determine if additional water is available for future appropriators.

The above discussion is provided for general information. For more specific information concerning water rights, please contact an attorney or write to this office. We have several pamphlets available. They include: (1) Statements of Water Diversion and Use, (2) Information Pertaining to Water Rights in California, and (3) Appropriation of Water in California.

ATTACHMENT TO SUPPLEMENTAL STATEMENT OF WATER DIVERSION
AND USE FOR S. 9453, THE CITY AND COUNTY OF SAN FRANCISCO,
CALAVERAS RESERVOIR, LOCATED IN ALAMEDA COUNTY

Question C:

Amounts include diversions at Upper Alameda Diversion Dam, which are not separately measured. Upper Alameda Diversion Dam is described in a separate Statement.

Question E:

Water from Calaveras Reservoir may be released for direct use within the service area or commingled with water from Hetch Hetchy and re-regulated in the following reservoirs:

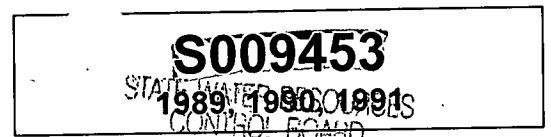
San Antonio Reservoir - SE1/4 Sec.22, T4S, R1E, MDB&M

Crystal Springs Reservoir - NW1/4 proj. Sec.1, T5S, R5W, MDB&M

San Andreas Reservoir - SE1/4 proj. Sec.16, T4S, R5W, MDB&M

Question F. 1. a.:

The City and County of San Francisco and thirteen of its 28 customers (the thirteen represent 70% of its wholesale demand) are signatories to the California Urban Water Conservation Council MOU, which requires implementation of fourteen best management practices. The remaining customers implement varying degrees of conservation. The City intends to create a system for documenting wholesale conservation savings in the future.



SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE

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Please Complete and Return This Form by JULY 1, 2005

2005 SEP 19 PM 1:02

DIV. OF WATER RIGHTS
SACRAMENTO

Owner of Record: CITY & COUNTY OF SAN FRANCISCO

PRIMARY CONTACT OR AGENT FOR MAIL & REPORTING
CITY & COUNTY OF SAN FRANCISCO
C/O MICHAEL CARLIN, ASST GEN MGR, WTR
1155 MARKET STREET, 11TH FLOOR
SAN FRANCISCO, CA 94102 94103

STATEMENT NO.: **S009453**
CONTACT PHONE NO.:

Source Name: CALAVERAS CREEK
Tributary To: ALAMEDA CREEK
County: ALAMEDA
Diversion Within: S ¼ OF W ¼ Section 13, T05S, R01E, MDB&M

Year of First Use: 1920 1916
Parcel Number:

- A. **Water is Used Under:** Riparian claim _____ Pre-1914 right ☒ Other (explain): _____
B. **Year of First Use:** (Please provide if missing above) 1916 (date of first storage and controlled releases from Calaveras Reservoir)
C. **Amount of Use:** Enter the amount (or the approximate amount) of water used each month, using the table below See Attachment A.

Amounts below are in: Gallons				Million Gallons (MG)				X	Acre-feet (AF)				Other		Total Annual
Year	Jan	Feb	Mar	Apr	May	June	July		Aug	Sept	Oct	Nov	Dec		
1989	196.9	132.2	24.0	0	0	296.2	772.1		733.4	75.1	111.7	253.1	832.7		3,427.3
1990	932.9	1679.4	1090.9	776.9	729.3	624.1	244.4		788.8	882.2	934.2	1234.5	374.6		10,292.1
1991	0	0.1	371.2	2053.8	2387.6	2140.9	477.1		0	0	0	0	0		7,430.7

- D. **Purpose of Use** – Specify number of acres irrigated, stock watered, persons served, etc.
Irrigation _____ acres; Stockwatering _____; Domestic _____
Other (specify) Municipal and Industrial use in the San Francisco Bay Area service area
- E. **Changes in Method of Diversion** – Describe any changes in your project since your previous statement was filed.
(New pump, enlarged diversion dam, location of diversion, etc.) See Attachment A
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1. Conservation of water
- a. Are you now employing water conservation efforts? YES ☒ NO _____
Describe any water conservation efforts you have initiated: See Attachment A
- b. If you are claiming credit for water conservation under section 1011 of the Water Code for your claimed pre-1914 appropriative right, please show the amount of water conserved:
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Year _____ (AF/MG) Year _____ (AF/MG) Year _____ (AF/MG)
- Reduction in consumptive use:
Year _____ (AF/MG) Year _____ (AF/MG) Year _____ (AF/MG)
- I have data to support the above surface water use reductions due to conservation efforts. YES _____ NO _____

2. Water quality and wastewater reclamation

- a. Are you now or have you been using reclaimed water from a wastewater treatment facility, desalination facility or water polluted by waste to a degree which unreasonably affects such water for other beneficial uses? YES _____ NO X_____
- b. If you are claiming credit due to the substitution of reclaimed water, desalinated water or polluted water in lieu of a claimed pre-1914 appropriative right under section 1010 of the Water Code, please show amounts of reduced diversions and amounts of substitute water supply used:

Amount of reduced diversion:
Year _____ (AF/MG) Year _____ (AF/MG) Year _____ (AF/MG)

State the type of substitute water supply: _____

Amount of substitute water supply used:
Year _____ (AF/MG) Year _____ (AF/MG) Year _____ (AF/MG)

I have data to support the above surface water use reductions due to the use of a substitute water supply. YES _____ NO _____

3. Conjunctive use of surface water and groundwater

- a. Are you now using groundwater in lieu of surface water? YES _____ NO X_____
- b. If you are claiming credit due to the substitution of groundwater for a claimed pre-1914 appropriative right under section 1011.5 of the Water Code, please show the amounts of groundwater used:

Year _____ (AF/MG) Year _____ (AF/MG) Year _____ (AF/MG)

I have data to support the above surface water use reductions due to the use of groundwater. YES _____ NO _____

I understand that it may be necessary to document the water savings claimed in "F" above if credit under Water Code sections 1010 and 1011 is sought in the future.

I declare that the information in this report is true to the best of my knowledge and belief.

DATE: 13 September 2005 at San Francisco, California

SIGNATURE: Michael Carl

PRINTED NAME: MICHAEL CARLIN
(first name) (middle initial) (last name)

COMPANY NAME: CITY AND COUNTY OF SAN FRANCISCO

If there is insufficient space for your answers, please use the space provided below.

ITEM CONTINUATION

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ATTACHMENT TO SUPPLEMENTAL STATEMENT OF WATER DIVERSION
AND USE FOR S. 9453, THE CITY AND COUNTY OF SAN FRANCISCO,
CALAVERAS RESERVOIR, LOCATED IN ALAMEDA COUNTY

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General Query	Application	Applicant No.	Source - Tributary	Source - Pod	Water Use
	Term	Decision	Extension	FERC	Irrigation

Today's Date: 06/01/2005

WRAPP

Applicant And Namelink

Appl Id: 5009453



NAMELINK

Record Delete ☒ Yes ☒ No Record Delete Reason:

Name Type ☒ Owner ☐ Agent
Mail Code ☒ Mail List ☐ Void
Primary Owner ☒ Yes ☐ No
Primary Owner ☐ C.C. ☐ No ☒ Unknown

Appl Id: 5009453

Name Id: 10016202

Record Create Date: 09/15/1994

Record Create User Id: SHIUHLIN

Record Update Date: 06/01/2005

Record Update User Id: SWILSON

NAMETINFO

Record Delete ☒ Yes ☒ No Record Delete Reason:

Salutation: Name Id: 10016202
Last Name:
Middle Name:
First Name:
Company: CITY & COUNTY OF SAN FRANCISCO
Dept: C/O MICHAEL CARLIN ASST GEN MGR, WIT
Street: 1155 MARKET ST, 11TH FLOOR
Pobox:
City: SAN FRANCISCO
State: CA Zip: 94102
Areacode: Phone:
Etal: Xref Name Id:

Record Create Date: 09/15/1994

Record Create User Id: SHIUHLIN

Record Update Date: 06/01/2005

Record Update User Id: SWILSON

LINK INFO						Today's Date: 04/20/2005	
General Query	Application	Applicant Name	Source - Tributary	Source - Pod	Water Use		
	Term	Decision	Extension	FERC	Irrigation		

WRAPP

Applicant And Namelink

Appl Id S009453

NAMELINK

Record Delete ☐ Yes ☒ No

Record Delete Reason

Name Type ☐ Owner ☒ Agent

Mail Code ☒ Mail List ☐ Void

Primary Owner ☐ Yes ☒ No

Primary Owner ☐ C.C. ☐ No ☒ Unknown

Appl Id S009453

Name Id 10042117

Record Create Date 09/15/1994

Record Create User Id SHIHJHLIN

Record Update Date 09/15/1994

Record Update User Id SHIHJHLIN

NAMEINFO

Record Delete ☐ Yes ☒ No

Record Delete Reason

Salutation

Last Name FONSECA

Middle Name

First Name E

Company

Dept

Street 716 - 28TH AVE

Pobox

City SAN MATEO

State CA Zip 94403

Areacode 415 Phone 5583610

Etal

Xref Name Id

Name Id 10042117

Delete agent
V9710
01/10/05
Warms

Record Create Date 09/15/1994

Record Create User Id SHIHJHLIN

Record Update Date 12/03/1997

Record Update User Id KENB

General Query	Application	Applicant-Name	Source - Tributary	Source - Pod	Water Use
	Term	Decision	Extension	FERC	Irrigation

Today's Date: 04/20/2005

WRAPP

Applicant And Namelink

Appl Id S009453

NAMELINK

Record Delete ☒ Yes ☒ No Record Delete Reason

Name Type ☒ Owner ☐ Agent

Mail Code ☐ Mail List ☒ Void

Primary Owner ☒ Yes ☐ No

Primary Owner ☐ C.C. ☐ No ☒ Unknown

Appl Id S009453

Name Id 10016202

Record Create Date 09/15/1994

Record Create User Id SHIUHLIN

Record Update Date 09/15/1994

Record Update User Id SHIUHLIN

NAMEINFO

Record Delete ☐ Yes ☒ No Record Delete Reason

Salutation

Last Name

Middle Name

First Name

Company CITY & COUNTY OF SAN FRANCISCO

Dept WATER DEPARTMENT

Street 716 - 28TH AVE

Pobox

City SAN MATEO

State CA Zip 94403

Areacode 415 Phone 5583610

Etal Xref Name Id 10042117

Record Create Date 09/15/1994

Record Create User Id SHIUHLIN

Record Update Date 01/13/1998

Record Update User Id SHIGEO

Correct address add c/o

From: Susan Wilson
To: Slomski, Patty
Date: 6/1/05 8:34AM
Subject: RE: S.9453

Patty,

Here are the back supplemental statements for the City & County of San Francisco from 1989 through 2003. It would be helpful, since I am trying to re-establish the file for this statement, if you could locate and submit the pre-1913 engineering plans to establish the capacity of the reservoir.

I have also updated our records regarding the address and contact person for this statement.

Patty, I sorry this has taken so long.

Susan

>>> "Patty Slomski" <ps@eslawfirm.com> 05/03/05 08:43AM >>>
Susan, Thanks for the update.

-----Original Message-----

From: Susan Wilson [mailto:SWILSON@waterboards.ca.gov]
Sent: Tuesday, May 03, 2005 7:07 AM
To: Patty Slomski
Subject: Re: S.9453

Patty,

It will be at least next week before I can 'hand produce' the supplemental statements for S009453. I am still trying to catch up with my backlog.

Susan

>>> "Patty Slomski" <ps@eslawfirm.com> 04/29/05 05:06PM >>>
Hello Susan, I'm just following up on the supplemental statements for S.9453. Any idea when you can get them to me? Thanks. Patty

Patty Slomski, Paralegal
Ellison, Schneider & Harris
2015 H Street
Sacramento, CA 95814
(916) 447-2166
<mailto:ps@eslawfirm.com>

CONFIDENTIALITY NOTICE: This communication and any accompanying document(s) are confidential and privileged. They are intended for the sole use of the addressee. If you receive this transmission in error, you are advised that any disclosure, copying, distribution, or the taking of any action in reliance upon the communication is strictly prohibited. Moreover, any such inadvertent disclosure shall not compromise or waive the attorney-client privilege as to this communication or otherwise. If you have received this communication in error, please contact the sender at the internet address indicated or by telephone at (916)447-2166. Thank you.

S009453
1989, 1990, 1991

SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE
If the information below is inaccurate, please line it out in red and provide current information.
Notify this office if ownership or address changes occur during the coming year.

Please Complete and Return This Form by JULY 1, 2005

Owner of Record: CITY & COUNTY OF SAN FRANCISCO

PRIMARY CONTACT OR AGENT FOR MAIL & REPORTING
CITY & COUNTY OF SAN FRANCISCO
C/O MICHAEL CARLIN, ASST GEN MGR, WTR
1155 MARKET STREET, 11TH FLOOR
SAN FRANCISCO, CA 94102

STATEMENT NO.: S009453
CONTACT PHONE NO.:

Source Name: CALAVERAS CREEK
Tributary To: ALAMEDA CREEK
County: ALAMEDA
Diversion Within: S ¼ OF W ¼ Section 13, T05S, R01E, MDB&M

Year of First Use: 1920
Parcel Number:

A. **Water is Used Under:** Riparian claim _____ Pre-1914 right _____ Other (explain): _____

B. **Year of First Use:** (Please provide if missing above) _____

C. **Amount of Use:** Enter the amount (or the approximate amount) of water used each month, using the table below.

Amounts below are in: Gallons					Million Gallons (MG)			Acre-feet (AF)			Other		Total Annual
Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	
1989													
1990													
1991													

D. **Purpose of Use** – Specify number of acres irrigated, stock watered, persons served, etc.

Irrigation _____ acres; Stockwatering _____; Domestic _____;

Other (specify) _____

E. **Changes in Method of Diversion** – Describe any changes in your project since your previous statement was filed.
(New pump, enlarged diversion dam, location of diversion, etc.)

F. Please answer only those questions below which are applicable to your project.

1. Conservation of water

a. Are you now employing water conservation efforts? YES ____ NO ____

Describe any water conservation efforts you have initiated: _____

b. If you are claiming credit for water conservation under section 1011 of the Water Code for your claimed pre-1914 appropriative right, please show the amount of water conserved:

Reduction in Diversions:

Year _____ (AF/MG) Year _____ (AF/MG) Year _____ (AF/MG)

Reduction in consumptive use:

Year _____ (AF/MG) Year _____ (AF/MG) Year _____ (AF/MG)

I have data to support the above surface water use reductions due to conservation efforts. YES ____ NO ____

2. Water quality and wastewater information

- a. Are you now or have you been using reclaimed water from a wastewater treatment facility, desalination facility or water polluted by waste to a degree which unreasonably affects such water for other beneficial uses? YES ____ NO ____.
- b. If you are claiming credit due to the substitution of reclaimed water, desalinated water or polluted water in lieu of a claimed pre-1914 appropriative right under section 1010 of the Water Code, please show amounts of reduced diversions and amounts of substitute water supply used:

Amount of reduced diversion:

Year ____ (AF/MG) Year ____ (AF/MG) Year ____ (AF/MG)

State the type of substitute water supply: _____

Amount of substitute water supply used:

Year ____ (AF/MG) Year ____ (AF/MG) Year ____ (AF/MG)

I have data to support the above surface water use reductions due to the use of a substitute water supply. YES ____ NO ____.

3. Conjunctive use of surface water and groundwater

- a. Are you now using groundwater in lieu of surface water? YES ____ NO ____.
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Year ____ (AF/MG) Year ____ (AF/MG) Year ____ (AF/MG)

I have data to support the above surface water use reductions due to the use of groundwater. YES ____ NO ____.

I understand that it may be necessary to document the water savings claimed in "F" above if credit under Water Code sections 1010 and 1011 is sought in the future.

I declare that the information in this report is true to the best of my knowledge and belief.

DATE: _____, 20____ at _____, California

SIGNATURE: _____

PRINTED NAME: _____
(first name) (middle initial) (last name)

COMPANY NAME: _____

If there is insufficient space for your answers, please use the space provided below.

ITEM	CONTINUATION
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

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S009453
1992, 1993, 1994

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CITY & COUNTY OF SAN FRANCISCO
C/O MICHAEL CARLIN, ASST GEN MGR, WTR
1155 MARKET STREET, 11TH FLOOR
SAN FRANCISCO, CA 94102

STATEMENT NO.: **S009453**
CONTACT PHONE NO.:

Source Name: CALAVERAS CREEK
Tributary To: ALAMEDA CREEK
County: ALAMEDA
Diversion Within: S ¼ OF W ¼ Section 13, T05S, R01E, MDB&M

Year of First Use: 1920
Parcel Number:

A. **Water is Used Under:** Riparian claim _____ Pre-1914 right _____ Other (explain): _____

B. **Year of First Use:** (Please provide if missing above) _____

C. **Amount of Use:** Enter the amount (or the approximate amount) of water used each month, using the table below.

Amounts below are in: Gallons					Million Gallons (MG)			Acre-feet (AF)			Other		Total Annual
Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	
1992													
1993													
1994													

D. **Purpose of Use** – Specify number of acres irrigated, stock watered, persons served, etc.

Irrigation _____ acres; Stockwatering _____; Domestic _____;

Other (specify) _____

E. **Changes in Method of Diversion** – Describe any changes in your project since your previous statement was filed.
(New pump, enlarged diversion dam, location of diversion, etc.)

F. Please answer only those questions below which are applicable to your project.

1. Conservation of water

a. Are you now employing water conservation efforts? YES ___ NO ___

Describe any water conservation efforts you have initiated: _____

b. If you are claiming credit for water conservation under section 1011 of the Water Code for your claimed pre-1914 appropriative right, please show the amount of water conserved:

Reduction in Diversions:

Year _____ (AF/MG) Year _____ (AF/MG) Year _____ (AF/MG)

Reduction in consumptive use:

Year _____ (AF/MG) Year _____ (AF/MG) Year _____ (AF/MG)

I have data to support the above surface water use reductions due to conservation efforts YES ___ NO ___

2. Water quality and wastewater: mation

- a. Are you now or have you been using reclaimed water from a wastewater treatment facility, desalination facility or water polluted by waste to a degree which unreasonably affects such water for other beneficial uses? YES ____ NO ____.
- b. If you are claiming credit due to the substitution of reclaimed water, desalinated water or polluted water in lieu of a claimed pre-1914 appropriative right under section 1010 of the Water Code, please show amounts of reduced diversions and amounts of substitute water supply used:

Amount of reduced diversion:
Year ____ (AF/MG) Year ____ (AF/MG) Year ____ (AF/MG)

State the type of substitute water supply: _____

Amount of substitute water supply used:
Year ____ (AF/MG) Year ____ (AF/MG) Year ____ (AF/MG)

I have data to support the above surface water use reductions due to the use of a substitute water supply. YES ____ NO ____

3. Conjunctive use of surface water and groundwater

- a. Are you now using groundwater in lieu of surface water? YES ____ NO ____
- b. If you are claiming credit due to the substitution of groundwater for a claimed pre-1914 appropriative right under section 1011.5 of the Water Code, please show the amounts of groundwater used:

Year ____ (AF/MG) Year ____ (AF/MG) Year ____ (AF/MG)

I have data to support the above surface water use reductions due to the use of groundwater. YES ____ NO ____

I understand that it may be necessary to document the water savings claimed in "F" above if credit under Water Code sections 1010 and 1011 is sought in the future.

I declare that the information in this report is true to the best of my knowledge and belief.

DATE: _____, 20____ at _____, California

SIGNATURE: _____

PRINTED NAME: _____
(first name) (middle initial) (last name)

COMPANY NAME: _____

If there is insufficient space for your answers, please use the space provided below.

ITEM	CONTINUATION
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

GENERAL INFORMATION PERTAINING TO WATER RIGHTS IN CALIFORNIA

There are two principal types of surface water rights in California. They are riparian and appropriative rights.

A riparian right enables an owner of land bordering a natural lake or stream to take and use water on his riparian land. Riparian land must be in the same watershed as the water source and must never have been severed from the sources of supply by an intervening parcel without reservation of the riparian right to the severed parcel. Generally, a riparian water user must share the water supply with other riparian users. Riparian rights may be used to divert the natural flow of a stream but may not be used to store water for later use or to divert water which originates in a different watershed, water previously stored by others, return flows from use of groundwater, or other "foreign" water to the natural stream system.

An appropriative right is required for use of water on non-riparian land and for storage of water. Generally, appropriative rights may be exercised only when there is a surplus not needed by riparian water users. Since 1914, new appropriators have been required to obtain a permit and license from the State. Appropriative rights can be granted to waters "foreign" to the natural stream system.

Statements of Water Diversion and Use must be filed by riparian and pre-1914 appropriative water users as set forth in Water Code section 5100 with specific exceptions. The filing of a statement (1) provides a record of water use, (2) enables the State to notify such users if someone proposes a new appropriation upstream from their diversions, and (3) assists the State to determine if additional water is available for future appropriators.

The above discussion is provided for general information. For more specific information concerning water rights, please contact an attorney or write to this office. We have several pamphlets available. They include: (1) Statements of Water Diversion and Use, (2) Information Pertaining to Water Rights in California, and (3) Appropriation of Water in California.

S009453
1995, 1996, 1997

SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE
If the information below is inaccurate, please line it out in red and provide current information.

Notify this office if ownership or address changes occur during the coming year.

Please Complete and Return This Form by JULY 1, 2005

Owner of Record: CITY & COUNTY OF SAN FRANCISCO

PRIMARY CONTACT OR AGENT FOR MAIL & REPORTING

CITY & COUNTY OF SAN FRANCISCO
C/O MICHAEL CARLIN, ASST GEN MGR, WTR
1155 MARKET STREET, 11TH FLOOR
SAN FRANCISCO, CA 94102

STATEMENT NO.: **S009453**
CONTACT PHONE NO.:

Source Name: CALAVERAS CREEK
Tributary To: ALAMEDA CREEK
County: ALAMEDA
Diversion Within: S ¼ OF W ¼ Section 13, T05S, R01E, MDB&M

Year of First Use: 1920
Parcel Number:

A. **Water is Used Under:** Riparian claim _____ Pre-1914 right _____ Other (explain): _____

B. **Year of First Use:** (Please provide if missing above) _____

C. **Amount of Use:** Enter the amount (or the approximate amount) of water used each month, using the table below.

Amounts below are in: Gallons				Million Gallons (MG)			Acre-feet (AF)				Other		Total Annual
Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	
1995													
1996													
1997													

D. **Purpose of Use** – Specify number of acres irrigated, stock watered, persons served, etc.

Irrigation _____ acres; Stockwatering _____; Domestic _____;

Other (specify) _____

E. **Changes in Method of Diversion** – Describe any changes in your project since your previous statement was filed.
(New pump, enlarged diversion dam, location of diversion, etc.)

F. Please answer only those questions below which are applicable to your project.

1. Conservation of water

a. Are you now employing water conservation efforts? YES ____ NO ____

Describe any water conservation efforts you have initiated: _____

b. If you are claiming credit for water conservation under section 1011 of the Water Code for your claimed pre-1914 appropriative right, please show the amount of water conserved:

Reduction in Diversions:

Year _____ (AF/MG) Year _____ (AF/MG) Year _____ (AF/MG)

Reduction in consumptive use:

Year _____ (AF/MG) Year _____ (AF/MG) Year _____ (AF/MG)

I have data to support the above surface water use reductions due to conservation efforts. YES ____ NO ____

2. Water quality and wastewater information

- a. Are you now or have you been using reclaimed water from a wastewater treatment facility, desalination facility or water polluted by waste to a degree which unreasonably affects such water for other beneficial uses? YES ____ NO ____
- b. If you are claiming credit due to the substitution of reclaimed water, desalinated water or polluted water in lieu of a claimed pre-1914 appropriative right under section 1010 of the Water Code, please show amounts of reduced diversions and amounts of substitute water supply used:

Amount of reduced diversion:
Year ____ (AF/MG) Year ____ (AF/MG) Year ____ (AF/MG)

State the type of substitute water supply: _____

Amount of substitute water supply used:
Year ____ (AF/MG) Year ____ (AF/MG) Year ____ (AF/MG)

I have data to support the above surface water use reductions due to the use of a substitute water supply. YES ____ NO ____

3. Conjunctive use of surface water and groundwater

- a. Are you now using groundwater in lieu of surface water? YES ____ NO ____
- b. If you are claiming credit due to the substitution of groundwater for a claimed pre-1914 appropriative right under section 1011.5 of the Water Code, please show the amounts of groundwater used:

Year ____ (AF/MG) Year ____ (AF/MG) Year ____ (AF/MG)

I have data to support the above surface water use reductions due to the use of groundwater. YES ____ NO ____

I understand that it may be necessary to document the water savings claimed in "F" above if credit under Water Code sections 1010 and 1011 is sought in the future.

I declare that the information in this report is true to the best of my knowledge and belief.

DATE: _____, 20____ at _____, California

SIGNATURE: _____

PRINTED NAME: _____
(first name) (middle initial) (last name)

COMPANY NAME: _____

If there is insufficient space for your answers, please use the space provided below.

ITEM	CONTINUATION
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GENERAL INFORMATION PERTAINING TO WATER RIGHTS IN CALIFORNIA

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An appropriative right is required for use of water on non-riparian land and for storage of water. Generally, appropriative rights may be exercised only when there is a surplus not needed by riparian water users. Since 1914, new appropriators have been required to obtain a permit and license from the State. Appropriative rights can be granted to waters "foreign" to the natural stream system.

Statements of Water Diversion and Use must be filed by riparian and pre-1914 appropriative water users as set forth in Water Code section 5100 with specific exceptions. The filing of a statement (1) provides a record of water use, (2) enables the State to notify such users if someone proposes a new appropriation upstream from their diversions, and (3) assists the State to determine if additional water is available for future appropriators.

The above discussion is provided for general information. For more specific information concerning water rights, please contact an attorney or write to this office. We have several pamphlets available. They include: (1) Statements of Water Diversion and Use, (2) Information Pertaining to Water Rights in California, and (3) Appropriation of Water in California.

S009453
1998, 1999, 2000

SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE
If the information below is inaccurate, please line it out in red and provide current information.

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Please Complete and Return This Form by JULY 1, 2005

Owner of Record: CITY & COUNTY OF SAN FRANCISCO

PRIMARY CONTACT OR AGENT FOR MAIL & REPORTING
CITY & COUNTY OF SAN FRANCISCO
C/O MICHAEL CARLIN, ASST GEN MGR, WTR
1155 MARKET STREET, 11TH FLOOR
SAN FRANCISCO, CA 94102

STATEMENT NO.: **S009453**
CONTACT PHONE NO.:

Source Name: CALAVERAS CREEK
Tributary To: ALAMEDA CREEK
County: ALAMEDA
Diversion Within: S ¼ OF W ¼ Section 13, T05S, R01E, MDB&M

Year of First Use: 1920
Parcel Number:

A. **Water is Used Under:** Riparian claim _____ Pre-1914 right _____ Other (explain): _____

B. **Year of First Use:** (Please provide if missing above) _____

C. **Amount of Use:** Enter the amount (or the approximate amount) of water used each month, using the table below.

Amounts below are in: Gallons					Million Gallons (MG)			Acre-feet (AF)		Other			Total Annual
Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	
1998													
1999													
2000													

D. **Purpose of Use** – Specify number of acres irrigated, stock watered, persons served, etc.

Irrigation _____ acres; Stockwatering _____; Domestic _____;

Other (specify) _____

E. **Changes in Method of Diversion** – Describe any changes in your project since your previous statement was filed.
(New pump, enlarged diversion dam, location of diversion, etc.)

F. Please answer only those questions below which are applicable to your project.

1. Conservation of water

a. Are you now employing water conservation efforts? YES ____ NO ____

Describe any water conservation efforts you have initiated: _____

b. If you are claiming credit for water conservation under section 1011 of the Water Code for your claimed pre-1914 appropriative right, please show the amount of water conserved:

Reduction in Diversions:

Year _____ (AF/MG) Year _____ (AF/MG) Year _____ (AF/MG)

Reduction in consumptive use:

Year _____ (AF/MG) Year _____ (AF/MG) Year _____ (AF/MG)

I have data to support the above surface water use reductions due to conservation efforts. YES ____ NO ____

2. Water quality and wastewater information

- a. Are you now or have you been using reclaimed water from a wastewater treatment facility, desalination facility or water polluted by waste to a degree which unreasonably affects such water for other beneficial uses? YES ____ NO ____
- b. If you are claiming credit due to the substitution of reclaimed water, desalinated water or polluted water in lieu of a claimed pre-1914 appropriative right under section 1010 of the Water Code, please show amounts of reduced diversions and amounts of substitute water supply used:

Amount of reduced diversion:

Year ____ (AF/MG) Year ____ (AF/MG) Year ____ (AF/MG)

State the type of substitute water supply: _____

Amount of substitute water supply used:

Year ____ (AF/MG) Year ____ (AF/MG) Year ____ (AF/MG)

- I have data to support the above surface water use reductions due to the use of a substitute water supply. YES ____ NO ____

3. Conjunctive use of surface water and groundwater

- a. Are you now using groundwater in lieu of surface water? YES ____ NO ____
- b. If you are claiming credit due to the substitution of groundwater for a claimed pre-1914 appropriative right under section 1011.5 of the Water Code, please show the amounts of groundwater used:

Year ____ (AF/MG) Year ____ (AF/MG) Year ____ (AF/MG)

I have data to support the above surface water use reductions due to the use of groundwater. YES ____ NO ____

I understand that it may be necessary to document the water savings claimed in "F" above if credit under Water Code sections 1010 and 1011 is sought in the future.

I declare that the information in this report is true to the best of my knowledge and belief.

DATE: _____, 20____ at _____, California

SIGNATURE: _____

PRINTED NAME: _____
(first name) (middle initial) (last name)

COMPANY NAME: _____

If there is insufficient space for your answers, please use the space provided below.

ITEM	CONTINUATION
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_____	_____

GENERAL INFORMATION PERTAINING TO WATER RIGHTS IN CALIFORNIA

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S009453
2001, 2002, 2003

SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE
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Please Complete and Return This Form by JULY 1, 2005

Owner of Record: CITY & COUNTY OF SAN FRANCISCO

PRIMARY CONTACT OR AGENT FOR MAIL & REPORTING
CITY & COUNTY OF SAN FRANCISCO
C/O MICHAEL CARLIN, ASST GEN MGR, WTR
1155 MARKET STREET, 11TH FLOOR
SAN FRANCISCO, CA 94102

STATEMENT NO.: **S009453**
CONTACT PHONE NO.:

Source Name: CALAVERAS CREEK
Tributary To: ALAMEDA CREEK
County: ALAMEDA
Diversion Within: S ¼ OF W ¼ Section 13, T05S, R01E, MDB&M

Year of First Use: 1920
Parcel Number:

A. **Water is Used Under:** Riparian claim _____ Pre-1914 right _____ Other (explain): _____

B. **Year of First Use:** (Please provide if missing above) _____

C. **Amount of Use:** Enter the amount (or the approximate amount) of water used each month, using the table below.

Amounts below are in: Gallons					Million Gallons (MG)			Acre-feet (AF)			Other		Total Annual
Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	
2001													
2002													
2003													

D. **Purpose of Use** – Specify number of acres irrigated, stock watered, persons served, etc.

Irrigation _____ acres; Stockwatering _____; Domestic _____;

Other (specify) _____

E. **Changes in Method of Diversion** – Describe any changes in your project since your previous statement was filed.
(New pump, enlarged diversion dam, location of diversion, etc.)

F. Please answer only those questions below which are applicable to your project.

1. Conservation of water

a. Are you now employing water conservation efforts? YES _____ NO _____

Describe any water conservation efforts you have initiated: _____

b. If you are claiming credit for water conservation under section 1011 of the Water Code for your claimed pre-1914 appropriative right, please show the amount of water conserved:

Reduction in Diversions:

Year _____ (AF/MG) Year _____ (AF/MG) Year _____ (AF/MG)

Reduction in consumptive use:

Year _____ (AF/MG) Year _____ (AF/MG) Year _____ (AF/MG)

I have data to support the above surface water use reductions due to conservation efforts. YES _____ NO _____

2 Water quality and wastewater information

- a. Are you now or have you been using reclaimed water from a wastewater treatment facility, desalination facility or water polluted by waste to a degree which unreasonably affects such water for other beneficial uses? YES ____ NO ____
- b. If you are claiming credit due to the substitution of reclaimed water, desalinated water or polluted water in lieu of a claimed pre-1914 appropriative right under section 1010 of the Water Code, please show amounts of reduced diversions and amounts of substitute water supply used:

Amount of reduced diversion:
Year ____ (AF/MG) Year ____ (AF/MG) Year ____ (AF/MG)

State the type of substitute water supply: _____

Amount of substitute water supply used:
Year ____ (AF/MG) Year ____ (AF/MG) Year ____ (AF/MG)

I have data to support the above surface water use reductions due to the use of a substitute water supply. YES ____ NO ____

3. Conjunctive use of surface water and groundwater

- a. Are you now using groundwater in lieu of surface water? YES ____ NO ____
- b. If you are claiming credit due to the substitution of groundwater for a claimed pre-1914 appropriative right under section 1011.5 of the Water Code, please show the amounts of groundwater used:

Year ____ (AF/MG) Year ____ (AF/MG) Year ____ (AF/MG)

I have data to support the above surface water use reductions due to the use of groundwater. YES ____ NO ____

I understand that it may be necessary to document the water savings claimed in "F" above if credit under Water Code sections 1010 and 1011 is sought in the future.

I declare that the information in this report is true to the best of my knowledge and belief.

DATE: _____, 20____ at _____, California

SIGNATURE: _____

PRINTED NAME: _____
(first name) (middle initial) (last name)

COMPANY NAME: _____

If there is insufficient space for your answers, please use the space provided below.

ITEM	CONTINUATION
_____	_____
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_____	_____
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GENERAL INFORMATION PERTAINING TO WATER RIGHTS IN CALIFORNIA

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By Jfi 5/6/05

From: Susan Wilson
To: Slomski, Patty
Date: 5/3/05 7:07AM
Subject: Re: S.9453

Patty,

It will be at least next week before I can 'hand produce' the supplemental statements for S009453. I am still trying to catch up with my backlog.

Susan

>>> "Patty Slomski" <ps@eslawfirm.com> 04/29/05 05:06PM >>>

Hello Susan, I'm just following up on the supplemental statements for S.9453. Any idea when you can get them to me? Thanks. Patty

Patty Slomski, Paralegal
Ellison, Schneider & Harris
2015 H Street
Sacramento, CA 95814
(916) 447-2166
<mailto:ps@eslawfirm.com>

CONFIDENTIALITY NOTICE: This communication and any accompanying document(s) are confidential and privileged. They are intended for the sole use of the addressee. If you receive this transmission in error, you are advised that any disclosure, copying, distribution, or the taking of any action in reliance upon the communication is strictly prohibited. Moreover, any such inadvertent disclosure shall not compromise or waive the attorney-client privilege as to this communication or otherwise. If you have received this communication in error, please contact the sender at the internet address indicated or by telephone at (916)447-2166. Thank you.

*- Emailed -
by this afternoon -*

Date: 4/26/05 3:57p		Application No.:	
450		Permit No.:	
Name: Patty Slonski		License No.:	
Representing:		Phone#:	
447-2166		Fax#:	
E-mail:		Left Message (Date)	
PS @ Eslawfirm.com 9453			
Suppl State menta			
Action: <input type="checkbox"/> Faxed Notice		<input type="checkbox"/> Faxed Draft Regulations	
<input type="checkbox"/> Faxed Map NorCal or SoCal		<input type="checkbox"/> Provided Clarification/ Answered Questions	
<input type="checkbox"/> Forward Call to		<input type="checkbox"/> Name/Address Change to WRIMS	
		<input type="checkbox"/> Comment Only/ No Action Required	
		Completed <input type="checkbox"/> YES <input type="checkbox"/> NO	

From: Susan Wilson
To: Slomski, Patty
Date: 4/20/05 10:55AM
Subject: RE: S.9453

Patty,

This is what I have in our database as the current address for City & County of San Francisco:

Company: City & COUNTY OF SAN FRANCISCO
Dept: WATER DEPARTMENT
Street: 716 - 28TH AVE
City: SAN MATEO, CA 94403
Telephone: 415) 558-3610

In addition we are showing the following as 'Agent'. This is where we would send all correspondence to the Agent of record.

E. L. Fonseca
716 - 28th Ave
San Mateo, CA 94403
Telephone: 415) 558-3610

This is the same address and phone number, so it must be someone that works for the City & County of San Francisco Water Department.

Let me know if the information is correct.

Susan

>>> "Patty Slomski" <ps@eslawfirm.com> 04/19/05 09:08AM >>>
Susan, That sounds good. I hope you feel better. Thanks. Patty

-----Original Message-----

From: Susan Wilson [<mailto:SWILSON@waterboards.ca.gov>]
Sent: Tuesday, April 19, 2005 8:18 AM
To: Patty Slomski
Subject: Re: S.9453

Patty,

I just got back in the office today. I was not able to locate that file at all. I was told that it has been missing for at least a couple of years. Isabel Baer gave me copies of what she retrieved from the micro fiche. Would tomorrow morning be okay - say about 10am.

Susan

>>> "Patty Slomski" <ps@eslawfirm.com> 04/18/05 12:47PM >>>
Hello Susan, Would it be possible to schedule a meeting this week regarding S.9453. I don't think it would take that much time - maybe a half hour. Thanks. Patty

Patty Slomski, Paralegal
Ellison, Schneider & Harris
2015 H Street
Sacramento, CA 95814

(916) 447-2166
<mailto:ps@eslawfirm.com>

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Rm 14-09

10-11214

4/12/05

From: "Patty Slomski" <ps@eslawfirm.com>
To: "Susan Wilson" <SWILSON@waterboards.ca.gov>
Date: 4/5/05 9:48AM
Subject: RE: Statements of Water Diversion and Use

Susan, Trying to locate the file sounds like a great idea. I'll still bring my file which starts with the initial statement and goes up through water years 1986-1888. See you April 12 at 10:00am. Thanks! Patty

-----Original Message-----

From: Susan Wilson [mailto:SWILSON@waterboards.ca.gov]
Sent: Tuesday, April 05, 2005 9:38 AM
To: 'Patty Slomski'
Cc: Camilla Williams
Subject: RE: Statements of Water Diversion and Use

Patty,

I will put out an alert that I need this file, however, if it has been missing and if I can't locate it, there is nothing that is electronically recorded other than the initial information. Maybe I should locate the file before we talk. What do you think? If you want to still see me, how about 10 am on the 12th?

Susan

>>> "Patty Slomski" <ps@eslawfirm.com> 04/05/05 08:56AM >>>

Susan, How about April 12 - anytime is good for me. What I want to meet about is S.9453. The City and County of San Francisco wants to be totally up to date. They don't know where they stand, and the file seems to be missing from the 2nd floor file room. (It has been missing for over a year.) Let me know what time is convenient for you. Thanks for your help. Patty

-----Original Message-----

From: Susan Wilson [mailto:SWILSON@waterboards.ca.gov]
Sent: Tuesday, April 05, 2005 7:27 AM
To: Patty Slomski
Cc: Camilla Williams
Subject: Re: Statements of Water Diversion and Use

Patty,

Which statement are you wishing to speak to me about? Yes, I am in charge of the statements also. This week and next week is pretty full, as I will be out of the office for training until 1:30 pm on 4/6-8 and 4/13-15. I could speak to you after 1:30 on any of those days, or anytime on the 11th or 12th. Today, 4/5, not a good day for me at all.

Let me know when you want to meet, so that I can schedule a quiet room.

Susan

>>> "Patty Slomski" <ps@eslawfirm.com> 04/04/05 02:21PM >>>

Good afternoon, Susan - Are you in charge of Statements of Water Diversion and Use? Koso used to be, so I thought maybe you took over. If so, would you have some time to talk to me this week about a particular statement? Thanks. Patty

Patty Slomski, Paralegal
Ellison, Schneider & Harris
2015 H Street

Sacramento, CA 95814
(916) 447-2166
mailto:ps@eslawfirm.com

CONFIDENTIALITY NOTICE: This communication and any accompanying document(s) are confidential and privileged. They are intended for the sole use of the addressee. If you receive this transmission in error, you are advised that any disclosure, copying, distribution, or the taking of any action in reliance upon the communication is strictly prohibited. Moreover, any such inadvertent disclosure shall not compromise or waive the attorney-client privilege as to this communication or otherwise. If you have received this communication in error, please contact the sender at the internet address indicated or by telephone at (916)447-2166. Thank you.

From: Susan Wilson
To: Slomski, Patty
Date: 4/5/05 7:27AM
Subject: Re: Statements of Water Diversion and Use

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CC: Williams, Camilla

Patty Smolski

OK on address -

2004 Statement was sent
- 2005 -

1986-1989 Will provide
1989 copies until

Tables

Generate Forms for missing years

By the end of April 29TH

APRIL 29th

email

By

La County \Rightarrow

CLW

WRIMS SUMMARY QUERY REPORT

APPL ID S009453		STAT CODE A		FILE DATE 11/01/1977		ADVERTISED	
PERMIT		ISSUE DATE		LICENSE		ISSUE DATE	
MAX DD APP 5		DD UNITS C		MAX DD ANN 0		USE CODE M	
MAX STORAGE 0		COUNTY 01					
QUAD MAP NAME CALAVERAS RESERV		QUAD MAP NO J 006					

ENG		ES	
FIRST NAME		LAST NAME	
NAME TYPE O			
PRIM OWN		MAIL CODE	
P		V	
CITY & COUNTY OF SAN FRANCISCO			
DEPT		POBOX	
WATER DEPARTMENT			
STREET		AREACODE	
716 - 28TH AVE		415	
PHONE		5583610	
CITY		STATE	
SAN MATEO		CA	
ZIP		94403	

SOURCE NAME CALAVERAS CREEK		STREAM CODE 210601000		SECTION NO 13		TOWNSHIP NO 05		TOWN DIR S		RANGE NO 01		RANGE DIR E		BASE MER M	
TRIBUTARY NAME ALAMEDA CREEK		LOT SIXTEENTH		LOT QUARTER		ZONE 3		NORTH COORD 0364300		EAST COORD 1617200					

MAX DD 0		UNITS C		D/D SEASON 1		1		TO		12		31		2ND SEASON 0		0		TO		0		0		ANNUAL DD 0		DIV CODE		DIV TYPE	
MAX STORAGE (AF) 0		STOR SEASON 0		0		TO		0		0																			

COMPLAINT SECTION TRACKING REPORT

CASE NUMBER: 392 ENGINEER: VVD	CURRENT STATUS: CLOSED ES:	FILE NUMBER: 262.0 (01 - 07 -)	INVESTIGATION INFORMATION	
COMPLAINANT: CALIFORNIA TROUT INC	RESPONDANT: SAN FRANCISCO WATER DEPARTMENT	COUNTY: ALAMEDA SOURCE: CALAVERAS CREEK TRIBUTARY: SAN FRANCISCO BAY	COMPLAINT RECEIVED: 10/15/1990 ANSWER REQUESTED: FIELD INVESTIGATION: 03/11/1991	DIVISION LETTER: INACTIVE STATUS: COMPLAINT CLOSED: 01/09/1995
REMARKS: QUESTION OF PRE-1914 RIGHTS OR UNAUTHORIZED DIVERSION AND STORAGE. DIVISION LETTER ACKNOWLEDGED PRE-1914 WATER RIGHTS. 3RD PROGRESS REPORT ON 12/2/93 INDICATES RELATIVELY SMALL CHANNEL LOSSES BETWEEN CALAVERAS DAM & BEGINNING OF SUNOL VALLEY & WATER TEMP				
REQUIRED ACTIONS: CONTINUE MONITORING PROGRESS OF FISHERY PROTECTION STUDY OF UPPER ALAMEDA CREEK AS REPORTS ARE SUBMITTED.				
TARGET DATE FOR NEXT ACTION:		RELATED APPLICATIONS:		

Information About the CALAVERAS Dam


Page 11


OCR 11


Alameda Cty


'C' dams


Bulletin 17

General Information

Name	DWR Number	National ID	Owner	Year Completed
CALAVERAS	10-000	CA00126	CITY COUNTY SAN FRANCISCO	1925

Location Information

County	Latitude	Longitude	Crest Elevation	Stream
Alameda	37 d, 29.5 m	121 d, 49.2 m	775 ft 236 m	CALAVERAS CREEK

Baseline / Meridian	Section	Township	Range
MD	13	5S	1E

Dam Characteristics

Dam Type	Parapet Type	Crest Length	Total Freeboard	Height
Hydraulic Fill	None	1200 ft 366 m	22.4 ft 6.8 m	210 ft 64 m

Material Volume	Parapet Height	Crest Width	Operating Freeboard
3461000 cu yd 2646107 cu m		80 ft 24 m	

Reservoir Characteristics

Storage Capacity	Drainage Area	Reservoir Area
100000 acre-ft 123349 sq dm	98.40 sq mi 254.86 sq km	1450 acre 587 hect

5-9453

16) 924-2456

SEP 3 1981

In Reply Refer
to: 321:AAC:266.0

P. J. Matsumura, Manager
Engineering Services Division
Utilities Engineering Bureau
City and County of San Francisco
693 Vermont Street
San Francisco, CA 94107

266.0
San Francisco
City + County of
CALAVERAS RES
POWER PLANT
ALAMEDA CO.

Dear Mr. Matsumura:

CALAVERAS RESERVOIR IN ALAMEDA COUNTY

This will confirm your August 23, 1981 telephone conversation with Mr. A. A. Chesler of our staff. On August 18, 1981, we received your July 30, 1981 letter enclosing a copy of your April 15, 1981 letter. You had missent the April 15, 1981 letter to the Division of Water Quality and we had never received it. You should address all correspondence regarding water right matters to the Division of Water Rights.

You said that construction of Calaveras Dam was commenced in 1913. We also understand that use of water commenced in 1920.

In 1872, a permissive procedure for posting a notice of appropriation at the proposed point of diversion was provided by Sections 1410 through 1422 of the Civil Code. The priority of an appropriator who did not comply with the Civil Code procedure did not attach until water was beneficially used. If the City and County of San Francisco does not have a valid right to store water in Calaveras Reservoir, it should file an application with this office to initiate an appropriative right to cover that storage and use of water.

The City and County of San Francisco should apparently file an application to appropriate unappropriated water covering water use at the proposed hydroelectric power plant located below and near Calaveras Dam. Forms for that purpose are enclosed.

Sincerely,

Original signed by

David S. Holtry
Senior Engineer
Application Unit

Enclosure

AACHesler:neo'brien

8-1-81

IRNAME

R BAC:REV 72.

Chesler
9-2-81

Holtry

- 2 -

California State Water Resources Control Board

April 16, 1981

Enclosed is a map showing the general location of the proposed project.

If you have any questions, please call Pete Paraguya of this office on (415) 824-2404.

Very truly yours,



P. J. PHILLIPS
Principal Engineer

PFP:gc

cc: OLMoore
DWCoffey
PJPhillips
FHaaskgold
PFPParaguya
File

PFP



PUBLIC UTILITIES COMMISSION
CITY AND COUNTY OF SAN FRANCISCO

DIANNE FEINSTEIN, Mayor
RICHARD SKLAR, General Manager

UTILITIES ENGINEERING BUREAU
ORAL MOORE, Chief Engineer and Deputy General Manager

SAN FRANCISCO
MUNICIPAL RAILWAY

HETCH HETCHY
WATER AND POWER

SAN FRANCISCO
WATER DEPARTMENT

April 16, 1981

Subject: Hetch Hetchy Water and Power
Calaveras Reservoir
Low Head Hydroelectric
Plant - Request for
Guidelines Ruling

California State Water Resources Control Board
Division of Water Quality
P. O. Box 100
Sacramento, California 95801

Gentlemen:

We are presently preparing a plan to construct a low head hydroelectric plant adjacent to an existing energy dissipator, below the existing Calaveras Reservoir, approximately 600 feet downstream from the reservoir.

The proposed project will utilize the available head between the reservoir and the energy dissipator. The power plant will consist of a new concrete structure, approximately 20 X 30 X 15 feet high, a new above ground penstock, 36 inches in diameter, approximately 40 feet long which will be tapped off from the existing 44-inch above ground pipeline upstream of the energy dissipator and a new pole line from the power plant to the existing Pacific Gas and Electric Company's pole line. The plant discharge line and the tailrace will be connected to the existing outlet structure from the energy dissipator and from that point will flow into the existing pipeline down to Sunol Filter Plant. The proposed size of the plant is approximately 800 kilowatts.

Currently, the public does not have access to the area which is also away from public view. An existing road which is used by the operating personnel is already in the area and no new road construction is necessary.

Calaveras Reservoir is owned and operated by the City and County of San Francisco. The proposed site is located in Alameda County.

We are requesting your Department to determine if the proposed project meets with your guidelines. Your comments are most welcome in order for us to comply with the Federal and State guidelines.

693 Vermont Street - San Francisco, California 94107 (415) 558-2284

(916) 324-2448
SUPPLEMENTAL STATEMENT OF WATER DIVERSION AND USE

DIVERTER OF RECORD:

CITY & COUNTY OF SAN FRANCISCO
WATER DEPARTMENT
425 MASON ST
SAN FRANCISCO, CALIF 94102

STATEMENT NO: 009453

TELEPHONE NUMBER:
(415) 558-3610

IF NAME/ADDRESS/PHONE NO. IS WRONG OR MISSING, PLEASE CORRECT.

SOURCE: CALAVERAS CREEK

TRIBUTARY TO: ALAMEDA CREEK

COUNTY: ALAMEDA

DIVERSION

WITHIN: 1/4 OF 1/4 SECTION 13, T05S, R01E, M06&M.

INSTRUCTIONS: Please complete Items A, B and C. Item D should be completed if you replaced all or part of your regular water supply with reclaimed or polluted water. Return one copy of this form by July 1, 1983. (Additional information on reverse side of this form.)

A. Amount of Use - Fill in the amount of water used each month. If monthly and annual use are not known, check the months in which water was used.

Amounts below are: ☐ Gallons
☐ Acre-feet
☒ Million Gallons (other)

	Jan	Feb.	Mar.	Apr.	May	June	July	Aug	Sept	Oct	Nov.	Dec.	Total Annual
1980	1,887	3,050	1,130	843	678	343	113	69	76	137	77	79	8,482
1981	49	22	25	30	38	110	46	46	120	15	8	8	517
1982	85	129	1,916	3,507	176	81	70	94	296	23	17	20	6,414

B. Purpose of Use - Specify number of acres irrigated, stock watered, persons served, etc.

Irrigation _____

Stockwatering _____

Domestic 678,000

Other (specify) _____

C. Changes in Method of Diversion - Describe any changes in your project since your previous statement was filed. (New pump, enlarged diversion dam, location of diversion, etc.)

NONE

D. If part of the water listed in Part A consists of reclaimed or polluted water, please indicate the annual amounts of reclaimed or polluted water in the space below.

I declare under penalty of perjury that the information in this report is true to the best of my knowledge and belief

DATED: 3/31, 1983, at S.F., California

Signature: R.F. [Signature]

STATE WATER RESOURCES CONTROL BOARD
DIVISION OF WATER RIGHTS

2123 19TH STREET
SACRAMENTO, CALIFORNIA 95818
(916) 445-0846



In Reply Refer
To: 321:APG:9453

November 9, 1977

City and County of San Francisco Water Dept.
425 Mason Street
San Francisco, CA 94102

Statement of Water Diversion
and Use - No. 9453

Your statement of water diversion and use has been received and assigned the above number. You should refer to this number in any correspondence to this office regarding the statement.

A duplicate copy of the statement is enclosed for your records.

Please notify us of any change in address or change in ownership.

The law requires that supplemental statements be filed at three-year intervals, and we will send you the necessary forms when they become due.

L. C. Spencer
L. C. Spencer
Supervising Engineer

Enclosure

SWRCB 406 (12/74)

STATE WATER RESOURCES CONTROL BOARD
DIVISION OF WATER RIGHTS
STATEMENT OF WATER DIVERSION AND USE

S9453

This statement should be typewritten or legibly written in ink.

City and County of San Francisco/
Water Department

A. Name of person diverting water _____
Address 425 Mason St., San Francisco, Ca. 94102 Telephone: (415) 558-3616

B. Name of body of water at point of diversion Calaveras Creek
Tributary to Alameda Creek

C. Place of diversion S $\frac{1}{4}$ W $\frac{1}{4}$ Section 13, Township 5 S, Range 1 E, M D B&M,
Alameda County, or locate it on sketch of section grid on reverse side with regard to section
lines or prominent local landmarks.

D. Name of works Calaveras Dam

E. Capacity of diversion works 78 MGD cubic feet per second
Capacity of storage reservoir 96,820 Acre-Feet gallons per minute
gallons
acre-foot

State quantity of water used each month in gallons or acre-feet

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total Annual
1976	1704	170	27	2254	1946	1991	1,096	68	0	1	6	0	9,263 MG
1975	41	0	91	893	1102	50	0	76	828	1160	2164	1961	8,366 MG
1974	1501	1410	1515	1725	2361	2269	920	78	0	0	0	624	12,403 MG*

Maximum annual water use in recent years *1973 16,557 MG gallons
Minimum annual water use in recent years 34 MG Jan. thru Sept. 1977 acre-foot

Type of diversion facility: gravity X, pump _____

Method of measurement: weir _____, flume _____, electric power meter _____, water meter X, estimate _____

F. Purpose of use (what water is being used for) Municipal water supply for San Francisco
and part of San Mateo, Santa Clara, and Alameda Counties

G. General description or location of place of use (use sketch of section grid on reverse side if you desire)
See enclosed map of service area.

H. Year of first use as nearly as known 1920 (First used by predecessor, Spring Valley
Water Company)

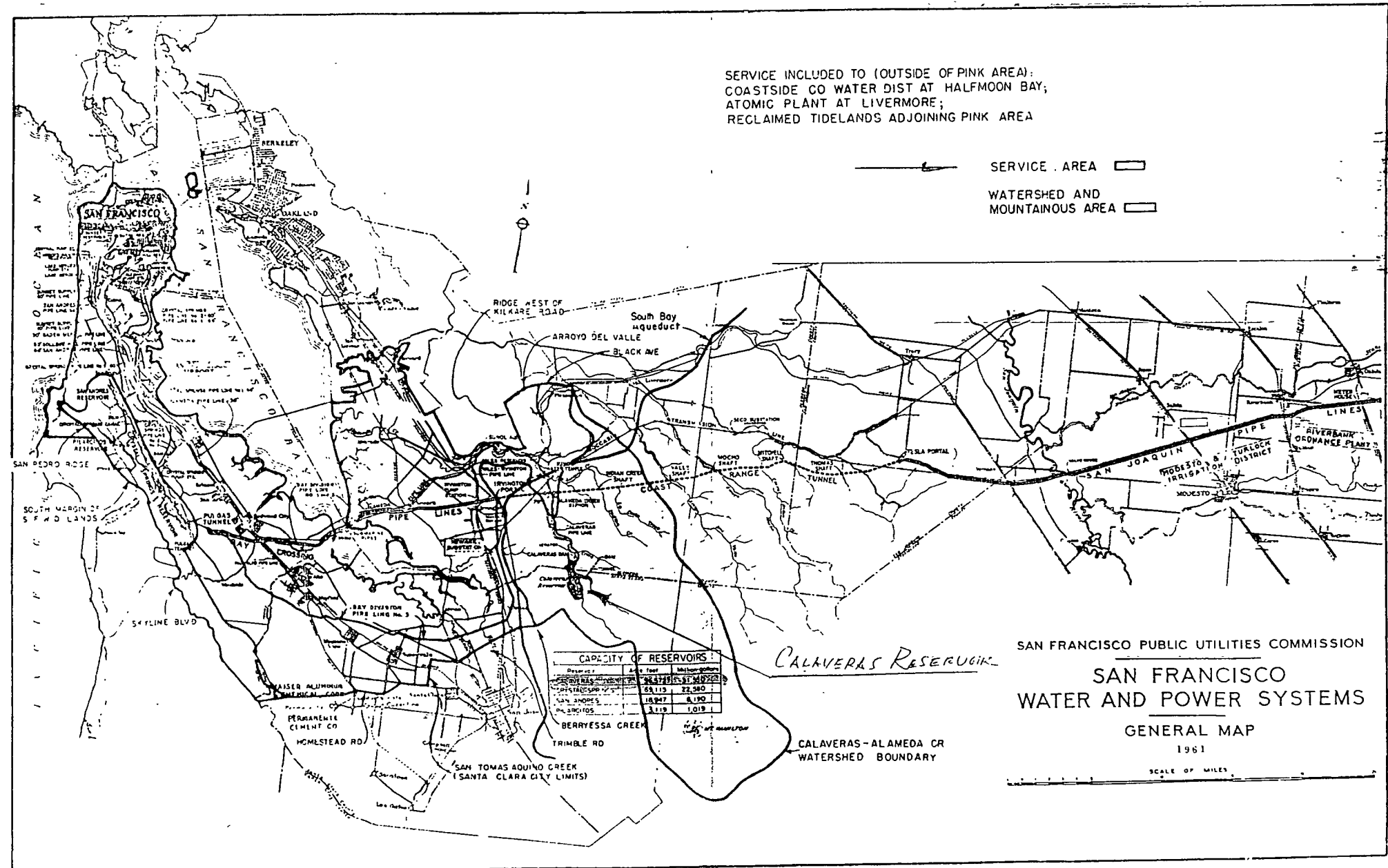
I. Name of person filing statement Kenneth R. Boyd
Position General Manager Organization San Francisco Water Department
Address 425 Mason Street, San Francisco, Ca. 94102 Telephone: (415) 558-3616

I declare under penalty of perjury that the above is true and correct to the best of my knowledge and belief.
DATED: October 26, 19 77, at San Francisco, California.

Signature: Kenneth R. Boyd

See Instructions on Reverse Side

*Year's reservoir storage reduced to facilitate strengthening
of dam.



5/31/05

C/O AGENT S009453

MICHAEL CARLIN

ASST GEN. MGR, WTR

1155 MARKET ST, 11th Floor
S.F. 94102

AGENT ASST / ?

Wks for city/co SF

Patty - I also need a contact
phone # for this guy -

1989 - 1990 - 1991

1992 - 1993 - 1994

1995 - 1996 - 1997

1998 - 1999 - 2000

2001 - 2002 - 2003 (Sent 2004)
↳ Wrong address